



## THE COLOUR GROUP (GREAT BRITAIN)

Registered Charity No. 1047548

### **Minutes of the Committee May 1984 to March 1994**

August 2008

Prepared by John Mellerio  
Colour Group Secretary

The series of minutes from 1984 to 1994 is incomplete - there is one gap from July 1986 to April 1989 inclusive where no copies of minutes could be found for scanning and setting out here.

I have altered the format to two columns to make reading easier and to save paper. I have rendered the headings and layout in a consistent style. I have not edited the text to expunge errors but, with a few minor exceptions, have left the material "as is".

**Meeting 206: Wednesday 16 May 1984**

Minutes of the two hundred and sixth meeting of the Committee held on Wednesday 16 May 1984 at The Institute of Ophthalmology, Judd Street, London.

**Present:**

Mr W.N.Sproson (Chairman)  
 Dr V.A.Barbur  
 Mr T.O.T.Fletcher  
 Mr B.W.Jewess  
 Mr K.McLaren  
 Mrs E.T.C.Masterman  
 Dr M.R.Pointer

**84.23 Apologies for Absence**

Apologies were received from Dr D.H.Foster, Dr A.R.Hill, Miss Audrey Mitchell, Dr R.S.Sinclair (Scottish Section), and Mr J.F.Verrill.

**84.24 Minutes of the Two Hundred and Fifth Meeting**

84.18 Dr J.Moreland was changed to Prof J.Moreland. After this correction, the minutes were signed as a correct record of that meeting.

**84.25 Matters Arising**

The Chairman clarified the situation regarding the position of Vice Chairman/Chairman. A new Vice Chairman held the post for one year, and it was the general intention of the Committee that this person should go on to become Chairman: it was, however, necessary for the Vice Chairman to seek election to the post of Chairman.

**84.26 Finance**

There had been a problem with the distribution of the accounts to members because the copies of the accounts were considerably delayed in the post. Thus it was necessary to send unsigned copies of the accounts to members.

The Treasurer predicted that 1984 should see a profit of approximately £500.

It was pointed out by the Treasurer that Newton Medals would cost in excess of £60 to make at today's prices. The location of the die was uncertain; a new one would cost at least £200.

It was agreed that Dr Pointer would attempt to locate the die, and that the Treasurer would investigate the possibility of insuring the deposit box in the bank. No more medals would be made for at least 10 years.

**84.27 Membership**

Miss J.M.Wells of Croda Paints, Birmingham and Dr T.W.A.Whitfield, of Leicester Polytechnic, were admitted as ordinary members. Lapsing letters would be sent out with the next mailing.

**84.28 Editorial**

The Chairman agreed to provide the meeting report for the June Newton Lecture presentation. All other meeting reports would be circulated and then signed at the October meeting.

Color Research & Application continued to attract a high number of papers and other contributions.

**84.29 Annual General Meeting**

The Chairman signed copies of the Annual Report for forwarding to the Solicitor.

The Secretary reported that he had been talking recently with Dr Sinclair about the Scottish Section. They had held their AGM and Miss Joyce Townsend had been appointed Secretary.

**84.30 Newton Medal & Dinner**

The medal was now engraved and the Lecture would be presented on 13 June at the Royal Institution. The dinner would take place at the Angel, Rotherhithe, after the lecture.

**84.31 Programme 1984/85**

An updated programme is attached. Final titles should be sent to the Assistant Secretary by the end of July.

It was agreed that we would exchange meeting programmes with the London Branch of the SDC.

**84.32 AIC Matters**

Dr Adrian Hill had been approached about the possibility of organising the 1988 AIC Interim meeting. He agreed in principle to consider the matter.

It was agreed that Dr Whitfield of Leicester Polytechnic be asked to represent the Colour Group on the AIC Study Group on Environmental Colour Design.

**84.33 Any Other Business**

Mr McLaren reported that Jean Moir had died in April. Jean had been associated with the Northern Section of the Group.

There was some discussion concerning the one

day symposium organised by the SDC in association with a number of other societies including the Colour Group. Only 15 people had registered and advice was sought as to whether it should be cancelled.

It was suggested that, as long as there would be no great financial loss, it should continue as planned.

The next meeting of the Committee will be held on a date to be arranged.

### JOINT CIBS LIGHTING DIVISION - COLOUR GROUP MEETING

#### PROPOSAL FOR 1-DAY SYMPOSIUM

Title: **Light, colour and the environment**

Date: March 1986?

Venue: Royal College of Art/Bartlett School of Architecture

Cost: ?£20 Non-members, £15 Members, £5 Students

Programme: 09.30-10.00 Registration and coffee

10.00-10.05 Welcome J.A.M.Bell Chairman: J.A.M.Bell/D.Loe

10.05-10.50 Lighting M.B.Halstead (Sources and colour rendering)

10.50-11.35 Vision R.W.G.Hunt

*(Basic colour vision and visual effects e.g. adaptation, colour contrast etc)*

11.35-12.20 Colour M.R.Pointer

*(CIE 1931 - colour appearance)*

12.30-14.00 Lunch

14.00-15.00 Applications Chairman: A.M.Mitchell

1) Designer/architect Crown/RCA

2) Colour harmony SIAD

3) Colour graphics/theatre ?

15.00-15.30 Tea

15.30-16.30? Panel discussion

Chairman: J.G.Holmes

Panel: Speakers

Exhibition of spectroradiometers and colour order systems

Exhibitors fee: £20 Bentham, Centronix, Macam, Minolta, Pritchard, Jahne & Reilhol

BSI, Munsell, Swedish

Working Party: M.B.Halstead, D.Loe, M.R.Pointer, &Procter

**Meeting 207: Wednesday 4 July 1984**

Minutes of the two hundred and seventh meeting of the Committee held on Wednesday, 4th July 1984 at the National Gallery, Trafalgar Square, London.

**Present:** Mr W.N. Sproson (Chairman), Mr T.O.T. Fletcher Dr M.R. Pointer Mr B.W. Jewess Mr J.F. Verrill Mr P.M. Forsyth Mr J.M. Adams, Miss S.E. Staniforth

**84.34 Apologies for absence**

Apologies were received from Miss A.M. Mitchell, Dr. V.A. Barbur and Mr K. Taylor (Scottish Section).

**84.35 Minutes of the 206th meeting**

84.29 Mrs Joyce Townsend was changed to Ms Joyce Townsend. 84.33 SOS was changed to SDC.

After these corrections the minutes were signed as a correct record.

**84.36 Matters arising**

The Treasurer reported that insurance of the contents of the bank deposit box would cost, ( 28 perj 1000 per year. The box has not been insured before and the Committee members present felt that it was not necessary to take out a policy now.

The die for the Newton medals has still not been located. Mr Adams Suggested that the manufacturers may have a record of it under his name since he was treasurer in 1962.

*Note: Since the Committee meeting Mr Adams has told me that he has no reference to the striking of the medals but he does have a note about sending a medal to Spinks for engraving in November 1963 and this is why he thought Spinks may have been involved.*

The Chairman reported that 60 people attended the one day symposium organised by the SDC and thanked the SDC for arranging it.

**34.37 Minutes of the 22nd Annual General Meeting**

The minutes were signed as a correct record.

**34.38 Annual return**

Dr Pointer has not received the annual return from the Solicitor. When he does he will forward the legal forms to new Committee members for

their signatures.

*Note: This has now been done and the forms have been returned to the Solicitor.*

The signatories for the bank account will not be changed until after the next change of Committee membership. At present the signatories are the Chairman, the Treasurer and the Assistant Secretary.

**34.39 Finance**

The Treasurer said that he would resign in December after completing the 1984 accounts. He suggested that the new Treasurer should start in January 1985. A Treasurer can only be appointed after the Annual General meeting but it would be possible to appoint an Assistant Treasurer in January who could take on the Treasurer's duties and then seek election as Treasurer at the AGM. The Chairman suggested calling an Extraordinary General Meeting of the Colour Group before the December 1984 meeting at which a resolution could be passed to appoint an Assistant Treasurer.

The Treasurer projected profits of £1200 for 1984.

**84.40 Membership**

The death of Teresa J. Dillon in April 1984 was reported by the Secretary. Norma Johnston, a painting conservator at the Glasgow Art Gallery, Richard Birkett of Unilever Research Laboratory and Paul Rupert Ruffles, a lighting specialist were admitted as ordinary members. Arnost Reiser has resigned after his appointment to the Institute of Imaging Science in New York. 25 ordinary members and 4 patron members were lapsed for non-payment of subscriptions.

**84.41 Editorial**

All meeting reports for 1983/84 science meetings are now complete and the reports for January, February March, April and May will be signed at the October meeting.

The Assistant Secretary has received a letter from Malcolm Lloyd on behalf of Ian Galley of Applied Colour Systems objecting to the meeting report (March) of the joint meeting with SIAD. In it Elizabeth Masterman had said that the coloured discs wear out and may have to be replaced and that a unit to be installed in the UK during 1984 would cost between £8000 - £10000. Members of the Committee confirmed that these comments had been made during the discussion period. The

meeting report will be signed in its present form as the Committee feels that it is a fair record of the meeting unless ACS propose acceptable corrections.

Two papers from the UK have been received for publication in Colour Research in Applications during the last two months. One from Rigg on *Perceptibility Ellipses of Surface Colours* and the other from Hunt and Pointer on *Colour Appearance*.

#### **84.42 Program 1984/85**

Whitfield is unable to give his talk at the October meeting. Mr Verill will approach other possible speakers on topics relating to fluorescence and will report to the Assistant Secretary.

*Note: Mr Verrill was unable to find a speaker. The Secretary has approached Colin Wiggins, a lecturer at the National Gallery, who has kindly agreed to talk about the exhibition 'A Brush with Colour' that was shown in the National Gallery this summer.*

There was a short discussion about how the November meeting titled 'Controversies' could best be organised. It was felt that four people should be asked to speak (briefly) on controversial subjects that they would like to raise. They should give short abstracts in advance.

The December, January, February, March and May meetings are in hand.

Mr Verrill said that the April meeting to be held at NPL would be a full-day meeting including laboratory visits and would be called 'Standards in Colorimetry'.

Mr Forsyth will book the lecture rooms at City. The Vice Chairman will be asked to book the Royal Institute for the AGM.

The Secretary suggested that the December meeting should be held jointly with the UKIC (United Kingdom Institute for Conservation).

#### **84.43 Joint meetings with other societies**

The Scottish section is organising a meeting on Colour Fidelity in Visual Display Systems in August 1985.

The Institute of Electronic and Radio Engineers are organising a meeting on Colour in Information Technology in March 1985. The Colour Group is

one of ten societies involved but with no financial responsibility.

#### **84.44 AIC matters**

Adrian Hill has agreed to organise the 1988 AIC interim meeting on Colour Vision. Roy Sinclair has suggested Edinburgh as a possible venue. Bob Hunt has reported that the AIC enthusiastically received the suggestion that the 1988 meeting should be in the UK and has invited the Colour Group to organise it.

Adrian Hill and Roy Sinclair will become the AIC working party. After the AGM in May 1985 Adrian Hill should be co-opted onto the Committee or be made a Committee member.

Dr Pointer has written to Alan Whitfield to ask him to be the UK representative to the AIC study group on Environmental Colour Design. He replied that he would be delighted to accept.

#### **84.45 Any other business**

Dr Pointer drew the Committee's attention to the need for a new Treasurer. He also recommended that from May 1985 the Assistant Secretary should be responsible for the newsletter and the Assistant Treasurer should run the membership.

The Chairman reminded the Committee that it might consider the appointment of a new honorary member.

The next Committee meeting will be held at 11 am on Wednesday 3rd October at City University.

**Meeting 208 Wednesday 3 October 1984**

Minutes of the two hundred and eighth meeting of the Committee held on Wednesday 3rd October 1984 at Dame Alice Owen Building, City University, London.

**Present:** Mr. W.N. Sproson (Chairman), Miss A.M. Mitchell Miss S.E. Staniforth Mr. T.O.T. Fletcher Dr. M.R. Pointer Dr. V.A. Barbur Mr. B.W. Jewess Mr. J.F. Verrill Mr. P.M. Forsyth Mr. J.M. Adams Mrs. S.M. Cobb

**84.46 Apologies for absence**

Apologies were assumed from Mr. K. Taylor (Scottish Section).

**84.47 Minutes of the 207th meeting**

84.40 Assistant Treasurer was changed to Assistant Secretary The minutes were then signed as a correct record.

**84.48 Matters arising**

84.38 The Chairman queried the signatories for the bank account who are now the Chairman, the Treasurer, the Assistant Secretary and Mr. McLaren. These signatories will be changed after the next change of Committee membership; in December or after the AGM.

84.40 The Chairman asked for a new membership list.

84.41 In addition to the January - May 1984 meeting reports the June 1984 report is ready for signature.

84.42 All meeting rooms booked for the 1984/85 programme except for the AGM at the Royal Institution which the Vice-Chairman has agreed to do.

84.38 The Assistant Secretary reported that the Annual Return has now been filed. The hold up was that the Department of Trade would not accept the photocopy of the accounts returned by the auditors (the top copy had previously got lost in the post). The top copy had to be retyped. The solicitors charged £45 for their services.

84.41 Dr. Pointer has had no reply from Applied Colour Systems about the report of the March meeting. This report will be signed at the 187th meeting.

**84.49 Finance**

The Treasurer reported no change from the

situation at the last Committee meeting. He still forecast an end of year profit of £1200. He has transferred £600 to the Building Society account leaving £600 in the bank to pay for the rest of the year and avoiding bank charges. He thought that if we were still using Martins as printers we would have been £600 in debt this year. The Chairman expressed the Colour Group's thanks to Kodak for helping with the printing.

**84.50 Membership**

Joseph Henry Rushton of R & B Research Devices Ltd and Dr Bruce Moore of the Department of Agriculture and Food Chemistry at Belfast University were admitted as ordinary members. They were given 18 month membership.

**84.51 Editorial**

Meeting reports for 1983/84 are now complete and will be signed at the October afternoon meeting. The following Committee members have volunteered to write meeting reports.

October	Sarah Staniforth for Colin Wiggins - Patrick Forsyth for Rona McKinnon
November	Mike Pointer
December	Audrey Mitchell
January	Mike Pointer

*Color Research and Application* has received John Hutchings 1981 retiring Chairman's address on *The Evolution of Biological Colour*. This is written in three parts and it has not yet been decided if all should be published in one issue. There is enough material in hand to fill issues up to 10.2. The Assistant Secretary again drew attention to the long delivery times, he received 9.2 two and a half months after the Americans.

**84.52 Programme 1984/85**

After a lengthy discussion six controversial subjects were decided upon for the November meeting and protagonists (or antagonists) were suggested for each. Short statements will be published in the November newsletter.

The December meeting is in hand. The Secretary has circulated information about the meeting to the UKIC (United Kingdom Institute for Conservation). Dr Bristow has asked if he may speak first as he has an appointment later in the afternoon. David Palmer has two speakers for the January meeting and progress is being made with

the rest of the programme.

#### **84.53 Joint meetings**

The IERE meeting in March 1985 on Colour in Information Technology (see 84.43) has not received enough offers for papers yet. On 3rd September they had only received 18 which is not enough to fill three days. Mike Pointer will attend the next Committee meeting.

SIAD do not want any further joint meetings for the time being.

#### **84.54 AIC matters**

The Colour Group Committee has the right to nominate to the Executive Committee. The Assistant Secretary suggested that the Chairman should write to Alan Robertson in Canada to ask if he would be prepared to be nominated as Vice President (the Vice President automatically becomes the next President). John Verrill asked why Alan Robertson should be nominated and Mike Pointer said that he could travel, had good insight into the subject and was young. Mike Pointer also asked the Chairman to nominate himself (MP) as Secretary/Treasurer. The Chairman will be very pleased to do this.

#### **84.55 WDW awards**

The award is £200 at the moment but it was intended that it should be index-linked. The Treasurer advised leaving it the same for a couple of years but Mike Pointer thought that it should be increased. After some discussion among the Committee members Dr. Pointer proposed that the value of the award should be increased to £220. The resolution was passed with the Treasurer against.

The Secretary will go through the membership list looking for suitable departments, colleges and institutions with likely candidates. At the next Committee meeting this list will be supplemented with suggestions from members. The same document as last year will be circulated. Keith McLaren has the certificates and will bring them to the next meeting.

#### **84.56 Any other business**

The Chairman circulated a letter from David Macadam thanking the Colour Group for their hospitality at the Newton Dinner.

The Chairman proposed Mr M.H. Wilson for Honorary Membership, Mike Pointer seconded

and the Committee passed the resolution. The Chairman will write to Mr Wilson inviting him to receive his Honorary Membership at a convenient meeting.

John Hutchings has asked the Colour Group to support his survey into Colour and Folklore by publicising it in the Newsletter. The Committee willingly agreed to do this.

Dr Barbur reminded new members of the Committee about writing their biographies for inclusion in the Newsletter.

The Secretary asked if Committee members could bring the numbers of their Memorandum and Articles of Association to the next meeting.

The Chairman thanked the full compliment of the Committee for attending the first meeting of the new season. The next meeting will be held at 10.30 am on Wednesday 7th November at Dame Alice Owen Building, City University.

**Meeting 209: Wednesday 7 November 1984**

Minutes of the two hundred and ninth meeting of the Committee held on Wednesday 7th November 1984 at Dame Alice Owen Building, City University, London.

**Present:** Mr. W.N. Sproson (Chairman), Miss S.E. Staniforth Mr. T.O.T. Fletcher Dr. M.R. Pointer Dr. V.A. Barbur Mr. B.W. Jewess Mr. J.F. Verrill Mr. P.M. Forsyth Mr. J.M. Adams

**84.57 Apologies for absence**

Apologies were received from Miss Audrey Mitchell and Mrs Jill Cobb and were assumed from Mr K. Taylor (Scottish Section).

**84.58 Minutes of the 208th meeting**

84.49 Changed was amended to read change.

84.51 Colour Research and Applications was amended to read Color Research and Application.

The minutes were then signed as a correct record.

**84.59 Matters arising**

84.56 Mr M.H. Wilson is surprised and delighted to have been proposed as an Honorary Member of the Colour Group. He would prefer March (or February) to receive his Honorary Membership. An Extraordinary General Meeting will be called at which the presentation will be made. Minutes of this meeting will be circulated to the Committee. The Treasurer was reminded that Mr Wilson should not be asked for next year's subscription.

Dr Pointer reminded new members of the Committee about writing their biographies for inclusion in the Newsletter. He would like to publish all three together. 250 words will be about the right length.

The Secretary has now tracked down some of the missing Memorandum and Articles of Association but there are still some unaccounted for.

The Assistant Secretary gave the Chairman a copy of the membership list.

**84.60 Finance**

The Treasurer had nothing to report, there is no change in the financial situation since last month.

**84.61 Membership**

Subscription reminders will be sent out in the November newsletter, they will be at the same

level as 1984. No reminder should be sent to Mr Wilson.

**84.62 Editorial**

The meeting reports for the October meeting have been written and will be circulated in the November newsletter. Dr Pointer will write the meeting report for the November meeting.

Color Research and Application has received two more papers from UK authors: *Indigo in the Spectrum* by Keith Maclaren and a paper by Alan Whitfield on the use of the British Standard for Architectural Colours by the Building Industry. The second reviewer of John Hutching's paper on *The Evolution of Biological Colour* has suggested that the third part should be omitted. The author has appealed against this and has requested that a third reviewer should look at the paper.

**84.63 Programme 1984/1985**

November Five controversial subjects were suggested for discussion. The sixth was omitted since David Palmer said that there was no controversy in RG cone activity, only Boynton thought there was and unless he was at the meeting there was little point in discussing it.

December Both speakers want to speak first. The Secretary and the Assistant Secretary will contact Dr Bristow and Mr Collins to settle this.

January Dr Pointer and David Palmer have this in hand. Professor Weale, Dr Zeki and Dr Hunt have agreed to speak.

February The abstracts for this meeting will be needed soon after Christmas. The speakers will need reminding about this now.

May The Vice Chairman has booked the Royal Institution.

In future Committee Meetings will commence at 10.45 am

**84.64 Programme 1985/86**

Ideas for meetings were discussed and a programme and possible subjects and speakers are attached to these minutes. Dates are very flexible at the moment.

The Secretary will write to Claudia Naylor at SIAD to ask if they want a meeting next year and if so, when. This could fit in with the proposal that Authur Tarrant should talk about the preferred white colours for domestic appliances. If SIAD are not interested that David McConnell could be approached to talk about whiteness and paper or about colour rendering.

The Secretary will think about possible subjects for a colour/art/conservation meeting in the National Gallery for the December meeting.

There was a short discussion about whether the vision meeting should continue to be in January. There are problems with mailings during the Christmas/New Year period. However, members agreed that as David Palmer is prepared to carry on organising this then it will remain in January for the time being.

#### **84.65 AIC matters**

The Chairman has written to Alan Robertson to ask if he would be prepared to be nominated as Vice-President but has had no reply. The deadline for receipt of nominations is 15th December. The Chairman will go ahead and nominate Dr Pointer as Secretary.

107 abstracts have been received so far for the 120 places to speak at the AIC meeting in Monte Carlo. It will be difficult to arrange cheap flights as delegates will be travelling on different days. The 3-month advance booking of a Super APEX will probably be cheapest. The CIE meeting is in Nice the week before and it may be cheaper to stay in Nice and to commute into Monte Carlo for the AIC meeting.

#### **84.66 WDW awards**

The objectives of the award and a list of educational establishments at which Colour Group members work was circulated to Committee members. The Assistant Secretary suggested that all should be circulated. He will put a notice in the next newsletter and the Secretary will compose a top letter and circulate educational establishments inviting them to request application forms. The awards will be presented at the AGM in May.

#### **84.67 Committee membership**

A new Treasurer will be needed to replace Mr Fletcher after the AGM in 1985. It is suggested that whoever takes on this job should sit

alongside the Treasurer from December to May to learn the job. They will be acting as Assistant Treasurer during this time. From May Dr Barbur has volunteered to act as Assistant Treasurer and will deal with membership matters. Dr Pointer will continue as Assistant Secretary and will edit the Newsletter. Three Ordinary Committee Members will also be needed and the present Committee Members are asked to think of suitable candidates.

#### **84.68 Any other business**

Mr Verrill said that a number of people were upset that the order of speakers was reversed from that given in the Newsletter. The secretary reported that an apology would be printed at the beginning of the October meeting report.

The next Committee Meeting will be held at 10.45 am on Wednesday 5th December in the Conference Room, National Gallery. Members should enter the Gallery through the West door which is to the left of the main entrance on Trafalgar Square.

**Meeting 210: Wednesday 5 December 1984**

Minutes of the two hundred and tenth meeting of the Committee held on Wednesday 5th December 1984 in the Conference Room, National Gallery, Trafalgar Square. London WC2.

**Present:** Mr W N Sproson, Miss A M Mitchell Miss S E Staniforth Mr T D T Fletcher Dr M R Pointer, Dr V A Barbur, Mr B W Jewess, Mr J F Verrill, Mr J M Adams, Mrs J M Cobb, Mr P M Forsyth

**84.69 Apologies for absence**

Apologies were assumed from Mr K Taylor (Scottish Section).

**84.70 Minutes of the 209th meeting**

84.63 Zecki was changed to Zeki.

Assistant Chairman was changed to Vice Chairman.

84.64 Claudia Naylor was changed to Claudia Naydler. ...interested that David... was changed to ...interested then David...

On the attached programme Authur Tarrant was changed to Arthur Tarrant.

The minutes were then signed as a correct record.

**84.71 Matters arising**

84.56 The Vice Chairman informed the Secretary that she had a copy of the Memorandum and Articles of Association and she will let the Secretary know what number it is.

The Secretary will send the announcement of an Extraordinary General Meeting to make Mr M H Wilson an Honorary Member of the Colour Group to the Assistant Secretary for inclusion in the January newsletter. The Chairman will send the Assistant Secretary a biography of Mr Wilson to make up a full page in the newsletter.

Mrs Cobb gave the Assistant Secretary a copy of her biography for inclusion in the newsletter.

**84.72 Finance**

The Treasurer reported that there is no change in the financial situation since last month. He reminded Committee members that they should ask him for their expenses before the end of the year.

**84.73 Membership**

Dr K H Ruddock from Imperial College has applied for membership and was accepted, he will be eligible for 18 months subscription in the first year.

Subscriptions are being received. Dr Pointer reported several resignations. C H Hodgson and B B Ward have resigned their ordinary membership. K McLaren has resigned his ordinary membership and will become the patron representative for Instrumental Colour Systems. H F Stephenson has resigned because he has retired.

The BBC has changed its patron representative. Alan Roberts will take over from Ian Childs.

Bulmer and Lumb has paid a personal subscription but has not said for whom. Dr Pointer suspects that it may be for D W Taylor.

**84.74 Editorial**

The October meeting report is ready for signature. Dr Pointer has not yet written the November report. Miss Mitchell will write the December report.

Dr Pointer has received the quarterly report about *Color Research and Application*. The masthead is being changed and instead of including the names of the subscription and advertising managers as well as the person in charge of the publishing they are only printing the latter, i.e. Kiki Richardson. Dr Pointer indicated the problems that might arise as a result of anonymity of the Wiley staff.

The lead-up time to publication is becoming too long. almost one year at present. The alternatives are to print larger quarterly issues or to make it bi-monthly Subscriptions are likely to increase by 50% for the former and by 100% for the latter. Mr Verrill suggested that bi-monthly would be preferable as long as quality was maintained.

A questionnaire card was sent out early in 1983 which showed an impact factor of 0.5 (this is a publishers statistic evaluated by counting references to issues published in 1980/81 mentioned in 1982 issues). An immediacy factor of 0.5 was calculated (1982 citations in 1982 issues). Both these factors compare favourably with similar publications.

The renewal rate is low for this year at 79%

compared with the usual figure of 85%.

The survey located three groups among the readers. 42% in research, 44% pragmatists (involved in manufacture and development) and 14% humanists (artists etc). The last group indicated that they were dissatisfied with the lack of articles on art and design.

Generally, meeting reports and historical articles are not popular. Book reviews are liked and more tutorial review articles are wanted. There will be a push to get more articles from information industries.

Associate Editors normally referee articles before sending to the Editor-in-Chief. Dr Pointer said that he would like to delegate some of this work and Miss Mitchell offered to read Alan Whitfield's paper on the *Use of the British Standard for Architectural Colours*. A paper in poor English has been received from Spain, on colour change during titrations. John Hutching's paper has now been passed for publication in its complete form.

The new printer has no experience in scientific typesetting and is making many mistakes.

#### **84.75 Programme 1984/85**

All meetings are in hand. The application form for the April visit to the National Physical Laboratory will be published in the February newsletter.

#### **84.76 Programme 1985/86**

Dr Pointer circulated a memorandum listing the duties of meeting coordinators. A copy of this is included in the Minutes Sock for future reference.

Considerable progress has been made with the preparations for next years programme and an updated provisional programme is attached to these minutes. Meeting progressors will confirm dates and titles of talks with speakers before the next Committee meeting in February.

A notice will be published in the January 1985 newsletter to see if there is any interest in the short contributions meeting proposed for November 1985. Dr Pointer will confirm the date (probably December 1985) of the CIBS day symposium.

The Secretary reported that Claudia Naydler was no longer responsible for the SIAD Colour Group. her position had been taken over by Mary Thompson.

#### **84.77 AIC matters**

Alan Robertson has replied to the Chairman's letter and will be pleased to be nominated as Vice-President. The Chairman has written to nominate him.

133 abstracts have been received for the AIC meeting in Monte Carlo. The deadline for receipt of these was 30th November. No requests have yet been received to write full papers.

#### **84.72 WDW Awards**

The Secretary has sent out five application forms so far. After receiving the completed forms a decision will be made on the successful candidates by the April committee meeting. The awards will be presented at the AGM in May.

#### **84.79 Committee membership**

Mr Fletcher is prepared to carry on as Treasurer until next May. The Chairman will continue to approach members to find a new Treasurer. It was agreed that a notice advertising the position would be put in the newsletter and a note added to say that it might suit a retired member of the Colour Group.

Mr Verrill reported that Mrs McKinnon was prepared to be nominated as an Ordinary Committee Member subject to permission being granted by the NPL. Mr Adams wondered if Hans Brill would be able to act as a Committee member and Miss Staniforth suggested Roy Osborne might be approached instead as he had similar interests to Mr Brill. The Secretary has studied the Meetings Attendance Book and on the strength of this will approach other members of the Group who have demonstrated their interest by regular attendance at Science Meetings.

#### **84.80 Any other business**

Miss Staniforth gave the Assistant Secretary a notice of a UKIC meeting about X-ray fluorescence analysis that is being carried out at the V & A. This will be published in the Newsletter and Colour Group members will be most welcome to attend.

Dr Pointer reported that the fee for the NIC (National Illumination Council) had risen to £75, an increase of 25% over a three year period, which he considered too great.

The IERE meeting on Colour and Information

COLOUR GROUP (GREAT BRITAIN)

Minutes of Committee meeting number **210**

Technology will be a four day meeting with two days tutorial and two days conference. The two days tutorial will be organised by Arthur Tarrant. The fees will be £90 per day or between £120 and £160 for two days.

There will be no Committee meeting in January. The next Committee meeting will be held at 10.45am in the Conference Room of the National Gallery on Wednesday 6th February, 1985.

In 1986/87 the Colour Group will celebrate its 25th anniversary. Dr Pointer said that we should do something to celebrate this in December 1986. possibly a one day meeting followed by a party. This will be put on the Agenda for discussion at future Committee Meetings.

**Programme 1985/86**

Date	Subject	Speaker	Progressor
2 Oct	Investigation into claims made about Swedish NCS	Alan Whitfield	MP
	Monte Carlo AIC meeting report	Mike Pointer	MP
6 Nov	Short contributions		JV
4 Dec	CIBS one-day symposium		MP
8 Jan	Vision meeting		DP
5 Feb	The history of colour photography	Fred Dustin	SS
	Video simulation of colour photographs	John Rempster	SS
5 Mar	Preferred white colours for domestic appliances	Arthur Tarrant	SS
	SIAD speaker		SS
9 Apr	CIBS presidents address	Margaret Halsted	BJ
	Stage lighting	Michael Wilson	WS
14 May	AGM		
	The History of Colour Vision	John Mollon	VB
Other ideas but no suggested dates yet:			
	Colour work at the Metropolitan Police Laboratory		JC

### **Meeting 211 Wednesday 6 February 1985**

Minutes of the two hundred and eleventh meeting of the Committee held on Wednesday 6th February 1985 at the National Gallery, London.

**Present:** Mr. W.N. Sproson (Chairman), Miss A.M. Mitchell Miss S.E. Staniforth, Mr. T.O.T. Fletcher Dr. V.A. Barbur Mr. B.W. Jewess Mr. J.F. Verrill Mr. J.M. Adams

#### **85.1 Apologies for absence**

Apologies were received from Dr M.R. Pointer, Mrs J.M. Cobb and Mr P.M. Forsyth. They were assumed from Mr K. Taylor (Scottish Section).

#### **85.2 Minutes of the 210th meeting**

The minutes were signed as a correct record.

#### **85.3 Matters arising**

84.73 The Treasurer confirmed that the records show that Bulmer and Lumb pay D.W. Taylor's subscription.

#### **85.4 Finance**

The Treasurer reported an increase in the profit of £70 over forecast. Although the Colour Group had the lowest membership in 1984 since 1962 there has been less loss of members after the most recent increase in the subscription than previously. The profit is the result of Kodak printing the Newsletter. If this was still done by Martins the deficit for 1984 would have been in the order of £350.

A draft copy of the accounts was circulated. The Treasurer is ready to submit the accounts to the auditor when he receives the accounts from the Scottish section.

The Treasurer proposed sending £100 to the Scottish section for expenses for the 1985 symposium. The Committee agreed.

Mr Adams queried whether the Colour Group has charitable status. The Chairman confirmed that it did not and pointed out that Dr Pointer had investigated applying for it and had been advised that it was unlikely to be granted.

The Secretary reported that the expected income from the January meeting was £179 and the cost of the lunch would be about £120. Unfortunately Dr Derrington had submitted an expenses claim of £63 for his rail fare from Durham which would mean that the meeting would make a loss. Dr

Palmer had written a letter saying that this was an unforeseen expense which could have been allowed for if Dr Derrington had mentioned it when agreeing to speak. It is customary for meeting progressors to mention 'other requirements' but not to invite expenses claims.

#### **85.5 Membership**

Resignations were accepted from:

Stephen Rees-Jones, Courtauld Institute  
Vic Crisp, Building Research Establishment

Two new members were admitted :

A. Ghany-Saleh, Watford College  
Angela-Marie Nott, Polytechnic of Central  
London

ICI Organics Division has resigned its Patron Membership. The letter said that few employees attended meetings because they are based in Manchester and the company is not prepared to pay their expenses. It criticised the Meeting Reports saying that they are too scanty to be of use. Committee members expressed surprise at this but the resignation was accepted. The Secretary will look at the Attendance Book to see if there are other branches of ICI who might be approached about Patron Membership.

The Treasurer reported that 101 subscriptions had been received so far and Dr Pointer has some more. Forty back payments have been received after June 1984.

There was some discussion about promoting membership and it was suggested that the Publicity Working Party (previous members Audrey Mitchell and Elizabeth Masterman) should be reactivated. Audrey Mitchell will prepare a request for new members to be circulated in the March Newsletter.

Mr Adams suggested that Tektronix should be approached about Patron Membership. The Secretary will send some application forms to Arthur Tarrant for distribution at the IERE meeting. It would be preferable to have a more attractive way of presenting the aims of the Group than the application form. An article about the Colour Group in a journal combined with a press release might help.

Mr Adams suggested the advantages of being under the umbrella of a larger organisation since this would give the Group a more impressive address and the benefits of being a sub-group. The SDC would be willing to absorb the Colour

Group but it would increase the cost to members enormously because of the expense of the secretariat. It would also mean losing independence and having to defer to the rules of the large organisation.

More criticism of the logo was voiced, particularly the poor quality of photocopies made of it. Audrey Mitchell will look out the original and make an outline drawing, it is the solid areas that do not copy well.

### **85.6 Editorial**

The December meeting report will be written by Miss Mitchell for the March Newsletter.

The meeting reports for the rest of the 1984/85 programme will be written by the following:

- February - Miss Mitchell and Miss Battersby
- March - Dr Barbur
- April - Mr Jewess
- May - Mr Sproson

### **85.7 Programme 1984/85**

Mr Verrill circulated the April meeting notice. The NPL is worried that the balance of speakers is 3.5 from the NPL and 1.5 from outside. The intention had been to make it 2.5/2.5 but one paper had been withdrawn. Mr Verrill is not worried.

It will not be possible to have a Committee meeting on that day and 17th April was suggested as a suitable alternative.

### **85.8 Programme 1985/86**

3 short contributions have been received from the Royal College of Art and 1 from Dr Nelson. It was felt that there was enough interest for the meeting to go ahead in November.

The meeting with CIBS is confirmed for 4th December at the Bartlett School of Architecture. If CIBS organise it the cost will be £40 if the Colour Group organise it the cost will be £15-18. Dr Pointer suggests that we do it. The Committee felt that we are not in a position to make a decision until we know what the organisation would involve and why it should cost £40 if CIBS organised it. The Secretary will write to Dr Pointer for this information and a decision will be made at the March committee meeting.

The question was raised whether Dr Palmer had been approached to organise the January meeting.

Both speakers have agreed to talk at the February

meeting. Dr Tarrant has agreed to speak at the March meeting and SIAD have agreed in principle although they have not yet provided a speaker.

### **85.9 AIC matters**

The CIE Division 1 meeting that was to be held in Nice before Monte Carlo will now be in Paris.

The Chairman has a copy of a letter from Bob Hunt (Chairman of AIC) to the President of CIE with the proposed list of future AIC meetings. The 1988 meeting on Colour Vision that was to be organised by Roy Sinclair and Adrian Hill in the UK has been dropped. The Chairman will find out what is happening from Bob Hunt or Margaret Halstead.

### **85.10 WDW awards**

Three applications have been received. Mr Sproson, Dr Pointer and Miss Staniforth will meet at 10am before the March Committee Meeting to make a decision.

The Treasurer pointed out that the successful applicants should be asked to present a paper to the Group.

### **85.11 Committee membership**

The Secretary has received letters from Rona McKinnon Roy Osborne and Dr Nelson agreeing to be nominated as Ordinary Committee members. The Secretary will prepare a notice requesting nominations for Chairman, Vice-Chairman, Treasurer, Assistant Secretary and 3 Ordinary Committee Members for circulation in the February Newsletter.

### **85.12 Colour Group 25th anniversary**

The Colour Group was incorporated in November 1961. John Hutchings has reminded the Committee that WDW will be 80 on 6th July 1986. It is proposed that a working party will be set up to arrange a symposium/dinner to mark these events. This should be deferred until after the election of the new Committee. It will be put on the agenda for July.

### **85.13 Any other business**

Roy Sinclair has asked for £100 from the AIC funds for his expenses in attending the Monte Carlo meeting. The Committee agreed.

Mr McLaren has written to the Secretary pointing out that in May 1984 the Committee had agreed to exchange meeting programmes with the London

Group of the SDC. Mr McLaren says that it was not minuted that the Committee had agreed that any lecture arranged by either group could be listed as a joint lecture. The present Committee are willing to do this if we are sent the SDC programme and are told where to send ours.

20 feet of shelf space is required for the Colour Group archives. Since no space was immediately forthcoming this question will be put on the agenda for discussion at the next Committee meeting.

The next Committee meeting will be held at 10.30am in the Dame Alice Owen Building, City University on Wednesday 6th March.

**Meeting 212 Wednesday 6 March 1985**

Minutes of the two hundred and twelfth meeting of the Committee held on Wednesday 6th March 1985 at Dame Alice Owen Building, City University, London.

**Present:** Mr. W.N. Sproson (Chairman), Miss A.M. Mitchell Miss S.E. Staniforth Mr. T.O.T. Fletcher Dr. M.R. Pointer Dr. V.A. Barbur Mr. B.W. Jewess Mr. J.F. Verrill Mr. P.M. Forsyth

**85.14 Apologies for absence**

Apologies were received from Mr. J.M. Adams. They were assumed from Mr K. Taylor (Scottish Section).

**85.15 Minutes of the 210th meeting**

85.4 1986 was changed to 1985 in third paragraph.

85.5 'have' was changed to 'had' in third paragraph. 'Authur' was changed to 'Arthur' in fifth paragraph. 'It is believed that' was added to the beginning of the sentence 'The SDC would be willing to absorb the Colour Group' in sixth paragraph.

85.8 'Offers of' was added to the beginning of the first sentence 'Three short contributions'.

85.9 'CIE Division 1' was added to the first sentence to describe the meeting.

After these amendments were made the minutes were signed as a correct record.

**85.16 Matters arising**

85.4 Dr Pointer felt that Roy Sinclair was late in asking for £100 for expenses in organising the 1985 symposium.

85.5 The Secretary has looked through the Attendance Book and has found no people from any division of ICI present at meetings in the last two years.

85.13 The Secretary has received an official letter from Roy Sinclair requesting £100 from AIC funds. The Treasurer has already sent him this money.

**85.17 Finance**

Sun Alliance have sent a bill for renewal of the premium to insure the Group for public liability at 7 meetings a year attended by an average of 40 people. The Treasurer will pay this.

The draft accounts have been returned by the accountant. They have asked for a list of members who have paid their subscriptions or receipts. This is not available. The Treasurer can now produce the annual report. The gross surplus for the year is £1157.

**85.18 Membership**

Michael Wilson sent in his subscription which will be returned to him.

Isobel Blyth (Hendricks) and Robert Angus and R.N. Fravel of Rofin Sinar Laser were admitted to membership of the Group.

37 members have not paid their subscriptions yet, of these 7 have paid partially. 6 Patron Members have not yet paid.

**85.19 Editorial**

The editorial report for Color Research and Application covering the period October to January has been received. The bi-monthly debate continues.

The meeting reports for December and February have been completed by Audrey Mitchell.

Abstracts for the April meeting at NPL can be used for the meeting report along with Mr Jewess's comments

**85.20 Programme 1984/85**

The March meeting is in order. The Secretary will write the minutes of the Extraordinary General Meeting which will be circulated to Committee members and will be signed at the next Committee meeting.

April 18 applications received so far.

May Mr Sproson has given his abstract to Dr Pointer.

**85.21 Programme 1985/86**

November The short contributions will be for 15 minutes with 5 minutes for questions. Mr Verrill has received 5 offers so far and he will write to these people.

December GIBS will charge £40 for the symposium to pay for the expenses of their secretariat. If the Colour Group organises it the charge will be £12 for members of the Colour Group and CIBS. Dr Pointer suggested that the Colour Group should take on the

organisation. Mr Jewess kindly agreed to help Dr Pointer, Margaret Halstead and David Loe with the organisation. Miss Mitchell will also attend the meetings.

January Dr Pointer will ask David Palmer if he is prepared to organise another vision meeting.

March The Secretary still has not heard from the SIAD Colour Group. Arthur Tarrant has suggested that Paul Moss of Hoover would be a suitable person to talk with him.

### **85.22 AIC matters**

The Chairman has written to Bob Hunt who replied saying that the 1988 UK meeting is off. The Chairman has also received a letter from Adrian Hill who still assumes that it is on. He has made a provisional booking for St Catherines College, Oxford for 4 - 7th July 1988 for 150 delegates. A deposit of £150 to secure the accommodation is needed. Mr Sproson feels that there would be sufficient interest to hold the symposium without the backing of AIC. Other Committee members suggested that it should be less ambitious, perhaps for 100 delegates for 2 days. They recommended that Adrian Hill should find out what the AVA is doing in 1988. It would be possible to revert to the idea of holding the 1988 meeting in Edinburgh or even City. The title of the meeting will be *Applied Problems in Colour Vision*. The Chairman will write to Adrian Hill to say not to hold the accommodation and to suggest a joint meeting with AVA in 1988 or delay until 1990 when it might be possible to hold the meeting in the UK with the support of AIC

### **85.23 WDW awards**

The Chairman, the Secretary and the Assistant Secretary met before the Committee meeting and agreed that the award should be equally divided between the three applicants. They are:

Jane Bromley - Imperial College  
D. Travis - Cambridge University  
Harriet Hilkin - UMIST

The award was recommended to total £240 with £80 to each applicant. 3 certificates will be written and presented along with the cheques at the AGM. The Chairman will write to the supervisors of the applicants and he will suggest that they may give papers at a science meeting.

Mr Verrill felt that only one person should have been awarded the total amount as £80 is so little. Mr Forsyth queried the logic of index-linking if the award was shared. This should be considered before the next awards are made.

### **85.24 Annual General Meeting**

The report of the Committee will be circulated with the April newsletter. Two amendments were made.

### **COLOR RESEARCH AND APPLICATION**

'One paper' was changed to 'two papers'.

### **ATTENDANCE AT MEETINGS**

The table was completed with approximate figures for February of 30 members, 70 visitors and 100 total. The note under the table was amended to remove the last sentence.

The nominations for new Committee members are as follows:

Chairman	Miss A.M. Mitchell
Vice-Chairman	Dr M.R. Pointer
Secretary	Miss S.E. Staniforth
Treasurer	Mr W.N. Sproson
Assistant Secretary	Dr V.A. Barbur
Ordinary Members	Mr R. Osborne Dr J. Nelson Mrs R. McKinnon

### **85.25 Colour Group Archives**

Mr Jewess will ask Margaret Halstead if she can look after these.

### **85.26 Publicity**

More patron member application forms are needed. Dr Pointer suggested that Thorn should print these in lieu of their subscription.

Miss Mitchell has prepared a notice for the newsletter asking for volunteers for a publicity working group.

The Secretary has received a letter from the IPLE who are holding a Lighting Workshop in Brighton in September. They have asked if the Colour Group would like to have a stand. Miss Mitchell responded enthusiastically to this idea and the Secretary will reply favourably to the IPLE.

**85.27 Any other business**

Mr Verrill questioned whether it might be preferable to have four papers during an afternoon meeting rather than two. This will be put high on the Agenda for discussion at the next Committee meeting.

The Scottish Section have written to ask if their presence is missed at Committee meetings. The Secretary will write to the Scottish Section Secretary to invite her to the Committee meeting before the AGM.

The next Committee meeting will be held at the National Gallery at 2 pm on Thursday 18th April.

**Meeting 213 Thursday 18 April 1985**

Minutes of the two hundred and thirteenth meeting of the Committee held on Thursday 18th April 1985 at the National. Gallery, Trafalgar Square, London.

**Present:** Mr. W.N. Sproson (Chairman), Miss A.M. Mitchell Miss S.E. Staniforth Mr. T.O.T. Fletcher Dr. M.R. Pointer Dr. V.A. Barbur Mr. B.W. Jewess Mr. J.F. Verrill Mr. P.M. Forsyth Mr. J.M. Adams

**85.28 Apologies for absence**

Apologies were assumed from Mr K. Taylor (Scottish Section).

**85.29 Minutes of the 212th meeting**

85.26 'resply' was changed to 'reply'

After this amendment was made the minutes were signed as a correct record.

**85.30 Matters arising**

85.20 The minutes of the Extraordinary General Meeting held on Wednesday 6th March 1985 were signed as a correct record. The Chairman has received a letter of thanks from Michael Wilson.

85:23 David Travis of Cambridge University has already received the money for his award but he will attend the AGM to receive the certificate. Jane Bromley will also come to the AGM to receive her award. The Chairman has received no reply about Harriet Hilkin at UMIST. He will telephone Dr Kulikowski.

85.25 There has been no progress about the storage of the archives.

85.26 Patron member application forms have not been printed yet.

Miss Mitchell has had no volunteers for the publicity working group.

**85.31 Finance**

The Treasurer has given Dr Pointer the Annual Return to be circulated in the next newsletter.

The current finances of the Colour Group are £500 down on the same time last year, but the April meeting will make a profit.

Lloyds Bank, Camden Town has made several extra charges this year, including £20 for the 'safe- keeping' of the deed box and £15 for making the statement available for the

accountant. There was a discussion about whether the account should be moved to another bank and whether it was necessary to store the deed box in a bank. Mr Sproson will investigate, in consultation with the accountants. whether there may be a convenient bank in Stevenage.

**85.32 Membership**

Photonics Marketing Ltd were admitted as Patron Members. Ian Fox will be their representative.

V. Mortimer-Bowen of Smiths Industries Aerospace and Defence, and Michael Wenyon, a holographic artist. were admitted as Ordinary Members.

Tony Perry of Instrumental Colour Systems has resigned and J.W.C. Gates will resign at the end of 1985.

Dr M.J.B. Fairhead has sent a letter asking if he has paid his subscription, the Treasurer will follow this up.

**85.33 Publicity and meeting format**

John Adams has prepared a list of British manufacturers and suppliers of computer colour graphics equipment. He suggests that this is an area into which colour science is likely to expand and that the Colour Group could attract members in this field by organising meetings on the subject.

Miss Mitchell gave Dr Pointer a card index of journals etc where press releases publicising the activities of the group could be sent. The Treasurer suggested spending £500 - 700 on promotion while we have money available. This could take the form of a brochure and there was a discussion about the way in which this could be presented. Thorn will produce a program card. Hand-outs could be prepared with the brochure, a program card and an application form. Miss Mitchell will find out how much it will cost to print a brochure and will sketch out a rough for the next Committee meeting. The history of the Colour Group. its current activities and future aims, its national and international connections, the societies with which it has held joint meetings and examples of papers presented at recent meetings should be included.

Dr Pointer suggested that there should be at least two symposia a year; this has already been planned in the program for 1985/86. Mr Verrill repeated his suggestion that two papers during an afternoon is not sufficient to justify peoples

expenses. He recommended that there should be 3 or 4 papers of 30-35 minutes. Many Committee members felt that this format would not be suitable for the general and art meetings but that it might well be preferable for the science meetings. It was suggested that when the 1986/87 programme was arranged these ideas would be taken into account.

#### **85.34 Editorial**

The meeting reports for December and February are ready to be signed. March has been written and April is in preparation. The Chairman will write the report of the May meeting.

The mailing after the AGM will contain the names of new Committee members and the Committee members who should be contacted for different items of business.

The July Committee meeting will be the deadline for the 1985/86 programme titles of papers, which will be circulated in the summer mailing.

#### **85.35 Programme 1984/85**

All in order

#### **85.36 Programme 1985/86**

The short contributions meeting has now received offers of 8 papers. Three from the RCA, and one each from Brian Addenbroke and Dr Nelson have been accepted. Nicholas Eastaugh has offered a paper on *The colour space of Christopher Smart's poem Jubilate Agno*, and Michael Wenyon a paper on holography as art. These will also be accepted. Dr MacDougall's paper will be refused for this meeting because of lack of time but may be used in the future.

David Palmer has kindly agreed to organise the vision meeting in January.

The Secretary has received no response from the SIAD Colour Group so she will write and formally invite Paul Moss of Hoover and invite SIAD to participate.

#### **85.37 AIC matters**

The Chairman has received a letter from Bob Hunt saying that there are now three nominations of British for the AIC executive committee, only one is allowed and it is up to the Colour Group to decide whom that should be. The three nominees are Mike Pointer (nominated by the Colour Group), John Hutchings (nominated by the Argentinians) and Alan Whitfield (nominated by

Hungary). Mike Pointer has already written and withdrawn his nomination. Neither Hutchings or Whitfield knew about their nominations but are happy to stand. After some discussion about the relative merits of the two candidates Dr Pointer proposed that John Hutchings should be nominated,

Mr Fletcher seconded. The Committee supported the proposition by 7 votes with 3 abstentions.

The Chairman will write to both to tell them the Committee's decision. He will also write to Voss to suggest an amendment to the statutes of the nominating committee to require written acceptance of the nomination by the candidate.

#### **85.37 Annual General Meeting**

There was a short discussion about the agenda of the AGM

#### **85.38 Any other business**

The SDC are having a committee meeting on 15th May and have invited a member of the Colour Group committee to attend to discuss joint meetings. As it is the day of our AGM no committee member can go. It was suggested that Keith McLaren should be asked to look out for the Colour Group's interests.

Bernard Jewess pointed out that in the most recent ISCC newsletter it says that ISO is doing some work on colour-order systems. He wondered if anyone knew if the BSI were also involved.

There will be a very short business meeting before the AGM for the Chairman, Treasurer and Secretary. The next full Committee meeting for the new Committee will be on Wednesday 10th July at 2pm. in the National Gallery.

**Meeting 214 Wednesday 10 July 1985**

Minutes of the two hundred and fourteenth meeting of the Committee held on Wednesday 10th July 1985 at the National Gallery, Trafalgar Square, London WC2.

**Present:** Miss A.M. Mitchell Dr M.R. Pointer, Miss S.E. Staniforth, Dr V.A. Barbur, Mr W.N. Sproson, Mr J.M. Adams, Mrs R. McKinnon, Dr J. Nelson, Mr R. Osborne

**85.40 Apologies for absence**

Apologies were received from Mr P.M. Forsyth and Mrs J.M. Cobb and were assumed from Mr K. Taylor (Scottish Section)

**85.41 Minutes of the 213th meeting**

85.31 'Return' was changed to 'Report'  
'Stevenage' was changed to 'Stamford'

85.37 'Voss' was changed to 'Vas'

After these amendments were made the minutes were signed as a correct record by Dr M.R. Pointer who chaired the meeting before the arrival of Miss A.M. Mitchell after this item.

**85.42 Matters arising**

25.38 Mr Sproson has papers of the last Committee meeting of the SDC on 15th May. He passed these on for Dr Pointer and Miss Mitchell to read. The Committee will have to consider whether we wish to join in with a meeting in October 1986.

**89.43 Minutes of the AGM**

Miss A.M. Mitchell signed these as a correct record. 85.44 Annual return

The annual return has now been filed at Company House. Miss Staniforth passed on a solicitor's bill of £77.50 for payment by the Treasurer.

**85.45 Finance**

The total assets of the Colour Group amount to about £10,000. Of this, £2,000 is in the Lloyds Bank account, £6,500 in the main account at the building society and £1,000 in the AIC account at the building society.

The Treasurer proposed changing the main bank account from Lloyd's, Camden Town to Barclay's, Stamford. The Lloyd's account would be kept open to receive standing orders. The Treasurer will clarify any charges likely to be incurred with the

Manager. The Deed Box will be emptied and the Newton medals kept at Kodak. Dr Pointer suggested that £4,000 should be put in a 90-day notice building society account to get a better rate of interest. The Committee approved this idea.

**85.46 Membership**

A resignation was received from Mr D.W. Plester.

Anthony Hurden of Vinten Scientific Systems Ltd, Marina Adams, a landscape architect, and Ian Kettley of the Wellcome Foundation were admitted as ordinary members of the Group.

Roy Osborne has put a notice advertising the Colour Group in the Artists Newsletter, there have been several requests for further information.

12 ordinary members were lapsed: Dr S.L. Alvarez, Dr J.O. Cutter, Dr P.C. Emmerson, Mrs F.A. Greene, Mr E.W. Hedger, Miss B. Hatt, Mr M.L. Hur, Mr D. Irish, Mr H.H. Kantner, Mr A.J. Phenix, Mr R.H. Simons, Mr L.A. Spong.

3 patron members were lapsed: Pacific Scientific Co, Redland Technology Ltd and Instrumental Colour Systems Ltd.

**85.47 Publicity and meeting format**

There is urgent need for a publicity leaflet to be distributed at Lightex '85 and the December CIBS meeting. Miss Mitchell has made two designs for the cover, the majority of Committee Members preferred the solid blue background. Miss Staniforth suggested that a sheet of A4 should be folded into three and a tear-off application form included along with examples of previous lecture titles and the occupations of some of the members of the group. Any applications should be addressed to the Assistant Secretary c/o Castlebar Road since this is the most permanent address for the Colour Group. Miss Mitchell will obtain some estimates for printing. Dr Pointer suggested a maximum of £200 for 5000 leaflets.

David Chamberlin may be able to provide some material for the stand at Brighton.

**85.48 25th anniversary**

WDW's 80th birthday is in July 1986. The Secretary will find out when he will be in the UK during 1986 if the Chairman does not see him. A two-day symposium in December 1986 is proposed as a joint celebration for the birthday and the 25th anniversary of the Group. There should be a dinner at the end of the first day. Old

students can be contacted to give papers on what they are doing now with what they have learnt from him. An opening lecture should be commissioned on Wright's contributions to vision and colour, with the emphasis on the latter. The Chairman will write to John Hutchings to invite him to chair a working party. Imperial College will be the most suitable venue. As well as presenting birthday presents to WDW and Mrs Wright, a bound book could be prepared with what people say about him.

#### **85.49 Editorial**

The March meeting report will go in the summer newsletter. The April and May reports will go in the September newsletter.

The editorial board of *Color Research and Application* met in Monte Carlo. Fred Billmeyer wishes to resign as editor. The new editor needs to be American for practical reasons. It is a voluntary job with expenses. The circulation is static at about 1900. The move to bi-monthly editions will come about because of force of manuscripts. The journal has asked for endorsement by AIC.

#### **85.50 Programme 1985/86**

The programme for next year was discussed and locations for the meetings suggested. A list of the meetings is attached to these minutes.

The SDC wish to designate February and May as joint meetings.

#### **85.51 AIC matters**

Several Colour Group members attended the AIC meeting in Monte Carlo. John Hutchings has been elected to the executive committee. Alan Robertson was voted vice-president.

There were three deaths of people closely associated with colour research close to the time of the meeting. Dorothy Nickerson, Francois Parra (whose foresight had made the meeting in France possible) and Gunter Wysecki.

The next meeting of AIC will be in 1986 in Toronto. The 1987 meeting in Venice will be on Colour Vision Models and the 1988 meeting in Switzerland on Colour and the Landscape. The 1989 meeting will be in Argentina. Dr Pointer has volunteered the UK to organise the 1993 meeting provided the Colour Group Committee in two years time agrees and if a country who has not organised a meeting before volunteers then we

should drop out (e.g. Holland). The 1997 meeting will be in Japan.

#### **85.52 Any other business**

The Scottish section have failed to elect a new chairman since their AGM was inquorate. This should be done at an Extraordinary General Meeting before a science meeting. The August symposium in Edinburgh has been cancelled.

The UV group has expressed interest in holding a joint meeting.

Tom Troscianko gave an invited paper at the AIC which he could be invited to give at a future Colour Group meeting.

Roy Osborne said that there will be a symposium on Colour in Architecture at the RCA on 7th and 8th November and one on Perception on 14th and 15th November.

In briefly discussing meeting format Dr Pointer expressed the opinion that we should hold two symposia every year.

The Chairman asked that new Committee members should provide biographies for the newsletter, they should cover half a sheet of A4.

The next Committee meeting will be at 10.30 am on Wednesday 2nd October in City University.

**PROGRAMME 1985/86**

Date	Subject	Speaker	Progressor	Location
2 Oct	Investigation into claims made about Swedish NCS CIE Paris and AIC Monte Carlo meeting reports	Alan Whitfield Mike Pointer	MP MP	U316 City
6 Nov	Short contributions		JV	U316 City
4 Dec	CIBS one-day symposium <i>Colour and Lighting</i>		MP	Bartlett School of Architecture
8 Jan	Vision Meeting		DP	Institute of Ophthalmology
5 Feb	The history of colour photography Video simulation of colour photographs	Fred Dustin John Kempster	SS SS	National Gallery
5 Mar	Preferred white colours for domestic appliances	Arthur Tarrant Paul Moss	SS	U316 City
9 Apr	CIBS Presidents address Stage lighting	Margaret Halsted Michael Wilson	BJ WS	U316 City
14 May	AGM The history of colour vision	John Mollon	VB	Royal Institution

The February and May science meetings are joint meetings with the SDC.

**Meeting 215 Wednesday 2 October 1985**

Minutes of the two hundred and fifteenth meeting of the Committee held on Wednesday 2nd October in the Dame Alice Owen Building, City University, London.

**Present:** Miss A.M. Mitchell, Dr M.R. Pointer, Miss S.E. Staniforth, Dr V.A. Barbur, Mr W.N. Sproson, Mrs J.M. Cobb, Mr P. Forsyth, Mrs R. McKinnon

**85.53 Apologies for absence**

Apologies were received from Mr J.M. Adams and were assumed from Mr K. Taylor (Scottish Section)

**85.54 Minutes of the 214th meeting**

85.31 'Stanford' was changed to 'Stamford' 85.45 'Stanford' was changed to 'Stamford'

85.46 'Dr D.W. Plester' was changed to 'Mr D.W. Plester'

85.51 'Alan Robertson was voted president.' was changed to 'Alan Robertson was voted vice-president.'

After these amendments were made the minutes were signed as a correct record by the Chairman.

**85.55 Matters arising**

85.38 The SDC are forming a working party to discuss a proposal for a joint meeting with other colour societies, at the RSA on 6-8 October 1986. The working party will meet on 21 October 1985. As this meeting will not conflict with the Colour Group's own meeting on 1st October 1986 the Committee agreed, in principle, to participate in this. Dr Pointer will go to the first meeting of the working party and Miss Mitchell will join him for future meetings.

85.52 The Scottish Section have suffered a loss of £83.69 after cancellation of the August symposium. Roy Sinclair has asked for £150. The Treasurer will send a cheque for £100 and will ask what the other £50 is for.

**85.56 Finance**

The total assets of the Group are £9311.70. The Treasurer has opened an account at Barclays Bank, Stamford. There will be no charges if we are in credit. There are no advantages in the increased interest offered by the Building Societies 90-day accounts for corporate investors

because of corporation tax. The Treasurer's accountant has recommended National Savings for which withdrawal notice is 30 days. The Treasurer recommended the transfer of all but £2000 from the main account of £6600.

There was some discussion about other investment possibilities, including bank deposit accounts. The Officers of the Committee signed forms to transfer signatories for the Lloyd's Bank account at Camden Town.

**85.57 Membership**

Seven people were admitted for Ordinary Membership of the Group:

Professor Matiello who studies colour perception in Argentina.  
Mr Robert Guthrie of CIBA GEIGY in Glasgow.  
Helen Pincas, a textile artist.  
Lorraine Kay Gill an artist and lecturer.  
Mouse Katz, an artist.  
Eva Fay, a teacher of colour and design.  
Philip Dymes of PIRA.

Roy Osborne has had great success in attracting new members through his advertisements in the Artists' Newsletter.

Three members were reinstated after late payment of their subscriptions. Frederick Simon, Harold Kantner and J.O. Cutter.

There are now 175 ordinary members of the Group, 8 honorary and 20 patron members.

**85.58 Publicity**

The Chairman circulated copies of the new publicity leaflet. She suggests that a rubber stamp is made with current information about subscription rates. At the moment a paper slip has been inserted. 2750 leaflets were produced at a cost of £340.

Miss Mitchell reported on the Workshop at Lightex '85 in Brighton where the Colour Group had a stand manned by herself, Dr Pointer and Mr Chamberlin. Unfortunately the Workshop was held in a badly-lit room and was not well publicised. However, some interest was shown by participants, in the books lent by Hilgers and Methuen and 30 publicity leaflets were distributed.

Mr Forsyth suggests circulating publicity leaflets via Hilgers. The Secretary will follow this up.

Methuen have offered the Colour Group a discount if we bulk-buy their Handbook of Colour.

After a short discussion on the Colour Group's attitude to commercial ventures it was decided that we would suggest charging Methuen £30 for running an advertisement in the Newsletter which offers the Handbook at a discount to Colour Group members. A similar arrangement could be considered for Adam Hilger and Academic Press. Patron Membership will not be offered to protect the membership from receiving unwanted literature that might be sent if publishers got hold of the mailing list.

A letter has been received from Professor Bell in Manchester saying that Margaret Halstead is giving a talk on The Illusion of Colour on 8 October and he wants a list of the Colour Group members in Manchester. Dr Barbur will deal with this.

The Committee congratulated the Chairman on the production of the leaflet.

#### **85.59 Programme 1985/86**

Alan Whitfield has backed out of the October meeting.

At the last minute Tom Troscianko has kindly agreed to give his invited lecture for the Monte Carlo AIC meeting.

There will be six short contributions for the November meeting. Miss Coombes from the RCA, Dr MacDougal, Nick Eastaugh, Michael Wenyon, Dr Nelson and Brian Addenbrooke. Deadline for abstract for the Newsletter is 11th October.

The registration form for the December meeting will go out with the next Newsletter. The fee will be £15 for members.

#### **85.60 Meeting format**

There was a short discussion based on John Verrill's idea that the afternoon meeting should consist of four short papers, as employers might be more inclined to give time off if the meetings appeared to have more bulk. The Committee had no consensus of opinion about this but resolved that when the 1986/87 programme is drawn up care would be taken to fill the time as well as possible.

As evening meetings may be preferred by some members it was suggested that one evening meeting should be arranged as an experiment. An Arts/Science meeting might be a suitable subject for this, particularly as there are several new artist members of the group.

#### **85.61 WDW 80th birthday/25th anniversary**

John Hutchings will be Chairman of the working group, with Miss Mitchell, Dr Pointer, Margaret Halstead and one other. At the meeting after the October science meeting the aim of the celebration should be decided. Dr Pointer suggested and the Committee concurred that the symposium should concentrate on WDW and colour science, Margaret Halstead might be invited to give the after-dinner speech on the history of the Colour Group.

#### **85.62 Editorial**

Patrick Forsyth volunteered to write the meeting report for Tom Troscianko's talk. Mike Pointer will write his own meeting report.

The reports for the 192nd, 193rd and 194th meeting reports are ready for signature.

Fred Billmeyer wants to resign as Editor for CRA. The journal has attracted more endorsing societies including AIC and the Swedish Colour Centre Foundation. CIE may also endorse the publication. The Swedes will accept bulk mailing of CRA and will then redirect within Sweden. They may be prepared to do this for the UK.

#### **85.63 AIC matters**

Nothing to report. 85.64 Any other business

Updated memberships lists are requested for the Chairman, Secretary and Treasurer.

The next meeting of the Committee will be at City University on 6th November when Dr Pointer will take the minutes owing to the Secretary's unavoidable absence.

As the December and January meetings are both all-day there will be one Committee meeting for the two months on 18th December. The Chairman has kindly invited the Committee to Castlebar Road for this meeting.

**Meeting 216 Wednesday 6 November 1985**

Minutes of the two hundred and sixteenth meeting of the Committee held on Wednesday 6th November 1985 in the Dame Alice Owen Building, The City University, London.

**Present:** Miss A M Mitchell, Dr M R Pointer, Mr W N Sproson, Mr J M Adams, Mr P Forsyth, Mrs R McKinnon, Dr J Nelson.

**85.65 Apologies for absence**

Apologies were received from Dr Barbur, Miss Staniforth, Mr Osborne, and were assumed from the Chairman of the Scottish Section.

**85.66 Minutes of the 215th meeting**

85.59 'Coombes' was changed to 'Coombs'

After this amendment was made the minutes were signed by the Chairman as a correct.

**85.67 Matters arising**

85.58 Publicity - the final cost of the promotional leaflet was 322.

85.55 Joint meeting with SDC - a report of this planning meeting is attached to these minutes.

**85.68 Finance**

Following the discussion, at the previous meeting, about the Group's investments the Treasurer had been informed of the Nationwide Building Society's 'Treasurers Account'. It was agreed that this was an attractive investment and an account would be opened.

The financial status of the Group continued to be healthy.

**85.69 Membership**

Mr P T Holliday and Dr J Westphal were admitted to Ordinary Membership. The Home Office Central Research Establishment, Reading was admitted to Patron Membership: representative Dr J Locke.

**85.70 Publicity**

Printed sticky labels would be obtained so that subscription rates could be added to the recently obtained leaflets.

**85.71 Programme 85/86**

All was in hand for the November meeting. There was some disappointment expressed at the publicity for the December meeting. If possible,

this would be improved for the second mailing.

David Palmer was finding it difficult to fill the January meeting. the Vice-Chairman would contact him with some suggestions.

It was not possible to book The Royal Institution for the AGM in 1986. It was suggested that the lecture theatre of the Royal Geological Society be investigated. The Chairman agreed to do this.

**85.72 Programme 86/87**

See attached scheme.

**85.73 WDW 80th Birthday**

The Working Party is now constituted and had met. The members are Mr J Hutchings (Chairman), Miss M B Halstead (Secretary), Miss A M Mitchell, Miss S Staniforth, and Dr M R Pointer. The Working Party was planning a one-day meeting, at The City University in March/April 1987 (Prof Wright has subsequently said he would prefer the original idea of December 86). The meeting will try to cover the areas of colour that Prof Wright is interested in, e.g. measurement, vision, art conservation. There will also be lectures reviewing the changes in the science that Prof Wright has seen, and looking into possible future developments.

**85.74 Editorial**

The October meeting report was complete.

There was nothing to report about Color Research & Application.

**85.75 Any other business**

Dr Pointer had been asked to accept nomination to the Board of Administration of the National Illumination Committee. This would be to represent the Sponsoring Societies (including the Colour Group).

The next meeting of the Committee will be held at the Group's Registered Office, 17 Castlebar Road, Ealing, London W5 2DL on Wednesday 18th December, at 2.00 p.m. The meeting will be preceded by lunch at 1.00 p.m.

**REPORT OF A MEETING OF THE KINDRED SOCIETIES COLOUR CONFERENCE WORKING PARTY**

21 OCTOBER 1985

**AIM:** To organise a conference on the subject of *Colour and Cost* on Wednesday 8 October 1986 in the Great Room of the Royal Society of Art.

**PRESENT:** Representatives from the following societies:

Clothing & Footwear Institute Colour Group (Great Britain)

Oil & Colour Chemists Association Plastics and Rubber Institute Royal Society of Arts

Society of Dyers & Colourists

Society of Industrial Artists & Designers

Society of Leather Technologists & Chemists

Textile Institute

**PROGRAMME:** Six 40 minute presentations to include 10 minutes of discussion. The following is a rough scheme - not in order of presentation:

Colour in Cars - Jeaninne Jackman (Ford)

Colour on Surfaces - Kenneth Granger, ICI, or Leicester Poly.

Colour Forecasting - Carole May (BHS)

On-Line Colour Measurement - Macbeth

Colour in the Media - BMP (Advertising Agency)

Computer Aided Design - ARK

**INDUSTRY YEAR 1986:** This is a venture suggested by the Royal Society of Arts and now supported by the Dept. of Trade & Industry. Its aim is to encourage a better understanding of industry, its essential role, and its services to the community. Its purpose will be to foster the pride of those who work in industry in their own achievements and contribution to the welfare of the nation. The conference is seen as supporting these aims in that it will bring together a number of people from different areas whose job is to provide some of the public needs in an attractive and cost effective way.

*M R Pointer*

**THE COLOUR GROUP (GREAT BRITAIN) - PROGRAMME 1986/87**

OCT	Problems	Rona McKinnon
NOV	Art/Design - Evening Meeting	Roy Osborne to be asked
DEC	WDW One Day Symposium	Working Party
JAN	Vision	
FEB	Design/Art/Architecture	Ideas wanted
MAR	CIE Papers	MRP
APR	Joint Meeting with UV Group	Rona McKinnon
MAY	Chairman's Address	

**Meeting 217 Wednesday 18 December 1985**

Minutes of the two hundred and seventeenth meeting of the Committee held on Wednesday 18th December, 1985 at 17 Castlebar Road, London W5.

**Present** Miss A.M. Mitchell, Dr M.R. Pointer, Miss S.E. Staniforth, Mr W.N. Sproson, Mr J.M. Adams, Mrs R. McKinnon, Dr J. Nelson

**85.76 Apologies for absence**

Apologies were received from Dr V.A. Barbur, Mrs J.M. Cobbe, Mr P. Forsyth and Mr R. Osborne. They were assumed from Mr I. Gailey (Scottish Section).

**85.77 Minutes of the 216th meeting**

85.71 'the Vice-Chairman' was changed to 'The Vice-Chairman' 85.73 'coconstituted' was changed to 'constituted'

**85.78 Matters arising**

85.70 The sticky labels have been delivered.

**85.79 Finance**

The Nationwide Building Society's Treasurers Account has been opened. £6000 will be transferred to this from the main account. A statement of the accounts was circulated and discussed.

**85.80 Membership**

Miss Carol Wood, a PhD student at the Polytechnic of Central London, and Mrs Jean Bailey, a post-graduate student in architectural glass and holography at the Royal College of Art, were admitted as Ordinary Members.

**85.81 Editorial**

The November meeting report is complete. The December report will use the abstracts, reduce-printed at Thorn, for the morning session. Dr Pointer will balance the abstracts for the afternoon session. The January report will use the abstracts. Mrs McKinnon will write the report for the February meeting.

Dr Pointer reported on the status of Color Research and Application and the progress in the search for a new Editor.

Mr Adams asked whether the Newsletter should be prepared in the form of a Bulletin so that people would be able to cite abstracts etc in it.

**85.82 Programme 1985/86**

The January meeting is in hand. Abstracts are due for the February meeting. March abstracts are due by the end of January. The April meeting is in hand. It was suggested that Ralph Brocklebank should be approached as a back-up in case Michael Wilson is ill. The Royal Institution is not available for the AGM. The Chairman will try the Geological Museum or the Science Museum. The Secretary will ask Mr Forsyth to book City as a back-up.

**85.83 WDW 80th birthday/25th anniversary symposium**

The Secretary reported on the morning meeting at which the working party decided the following. The meeting would be on 3rd December 1986, or a Wednesday near then, depending on room availability. City is not available. Imperial will be approached. There would be two 45 minute papers in the morning. Hunt on *Colour-Past 1924-73* and Robertson on *Colour-Present 1973-86*. There will then be a formal lunch with speeches and a presentation. In the afternoon there will be four 20 minute presentations. Ruddock, Birch, Wassail and Staniforth will be invited to make these. The meeting will end with a 45 minute talk on *Colour-Future* by Pointer. The day will close with drinks from 18.00-19.00.

It was proposed that the Colour Group should be prepared to pay for the cost of binding the letters and contributions received from WDW's past-students. It was discussed whether Honorary Members should be invited. The fee should be kept realistic, say less than £30. Patron Members would be asked for sponsorship, and the NIC to pay for the evening reception.

**85.84 Programme 1986/87**

October Problems

Mrs McKinnon has the following suggestions:

Paper - PIRA

Measuring the colour of bathroom fittings - BCA

Remote colour measurement - ?

Flicker in VDU's and TV's - W.D. Thomson

VDU's for design - ?

Design of spectrophotometers - Rofin-Sinar

- Determination of colour of old minerals - Dr Nelson
- ID of paint flakes from cars - Dr Nelson
- Each presentation should be for 15-20 minutes.
- November Roy Osborne has suggested asking 6 artists to talk about their work for 15 minutes each, followed by a 30 minute discussion. This would be an evening meeting held at the Central School.
- 19 November - WDW 80th birthday meeting at Imperial College
- December Fireworks
- January Vision meeting. David Palmer will need help. It was suggested that Julie Taylor (Wilson) should be approached.
- February An architecture meeting at the National Gallery was proposed. Dr Pointer will approach James Bell and Tom Porter.
- March CIE papers - Sproson, Pointer, Halstead.
- April Joint meeting with UV group. Mrs McKinnon suggests *Applications of visible reflectance measurements* as a subject. She has approached PYE-Unicam.
- May As the RI is not available for the AGM in 1986 perhaps it should be booked for 13th May 1987 now?

contacts the Editor directly so that the Library can be sent a copy.

There was discussion about the new committee. On the Committee's suggestion the Secretary will write to Douglas MacDougal and Margaret Halstead to invite them to join the Committee. There are still vacancies for a new Secretary and one Ordinary Member.

The next Committee Meeting will be on Wednesday 5th February at 10.30 am in the National Gallery. Enter the Gallery via the West Entrance.

### **85.85 Any other business**

Tickets are available for the IPLE Charles Marques Memorial Lecture on Tuesday 25th March when Professor F. Graham Smith will talk on *Windows on the Universe* at the RI.

The Chairman will write to the IPLE with our comments about the Lighting Workshop in Brighton.

The Scottish Section have held their AGM and have elected Ian Gailey as Chairman.

The Colour Reference Library have asked if they can hold the ISCC newsletters. Dr Pointer and the Secretary hold the back issues at present. The Secretary will write to Mr Brill suggesting that he

**Meeting 218 Wednesday 5 February 1986**

Minutes of the two hundred and eighteenth meeting of the Committee held on Wednesday 5th February 1986, in the National Gallery.

**Present** Miss A M Mitchell, Miss S E Staniforth, Dr V A Barbur, Mr W N Sproson, Mr J M Adams, Mr P M Forsyth, Mrs R A McKinnon.

**86.1 Apologies for absence**

Apologies were received from Dr Pointer, Dr Nelson and Mr Osborne. They were assumed from Mr I Galley, Chairman, Scottish Section.

**86.2 Minutes of the 217th meeting**

The minutes were signed as a correct record.

**86.3 Matters arising**

There were no matters arising.

**86.4 Finance**

The Treasurer circulated the provisional position of the finances on 31 December 1985. There is an excess due to all activities of just over £300. At present there is 6725 in the mai account, the Treasurer will transfer 6000 to the Nationwide Account.

The Treasurer emphasised that although the finances looked healthy at the moment, it is vital that we get new members.

**86.5 Membership**

Dr Barbur reported that so far she has received subscriptions from 100 Ordinary Members and from 11 Patron members. This leaves 80 Ordinary Members and 10 Patron Members to pay.

Several new members were admitted to Ordinary Membership of the Group:

Lynn Chivers, Student, Wimbledon College of Art

Jeanette Gresty, Optical Physicist, SIRA

Malcolm Bruce Curtis, Technical Director, Dental Porcelain Manufacturer

Lisa Store, Technical Department, Dental Porcelain Manufacturer

Mark Oliver Scase, Department of Communications and Neuroscience, Keele University

Mary Stanford King, Lecturer in Fashion and Design  
Carmen Nunez Gould, Designer

The IPLE were admitted as Patron Members.

David Saunders is the new nominated member for

the National Gallery.

A letter has been received from Dr Gates asking is he is able to be a 'lesser' member, i.e. pay less. Unfortunately there is only provision for Ordinary and Honorary Membership of the Group.

The RCA Colour Course have asked for 150 leaflets to distribute with information about the course. AM will send these directly to Anne Dykes at the RCA.

JMA will follow up British computer graphics equipment manufacturers. MRP will be able to supply Patron Membership Forms.

There was a discussion about whether the membership should be issued with a members list. The Committee agreed that it is a good idea in principle, we need to follow up the mechanics for doing this. It would be very useful to know the occupation of members and to include this on the list. This and other information could be asked for when the notice for subscription renewal is sent out next year. However, if this is processed on computer we must be careful not to infringe the Data Protection Act.

**86.6 Editorial**

The Committee agreed that the next Newsletter should be sent out with enough postage to clear the backlog of paper.

Mrs McKinnon will write the meeting report for February and will get it to MRP by the beginning of March.

Mrs McKinnon has arranged for John Mollon to write an obituary about Stiles for the Newsletter.

AM will ask Ralph Brocklebank for an obituary about Michael Wilson.

JMA will write the meeting report for March if he is there, otherwise WNS will stand in.

VS will write the May report.

**86.7 Programme 1985/86**

The Abstracts for the March meeting have been received.

Abstracts for the April meeting are due by the beginning of March. MRP will chase Margaret Halstead. WNS will approach Ralph Brocklebank, who has kindly agreed to stand in for Michael Wilson. He will give a short talk about Michael Wilson's work.

The AGM will be held in the Bernard Sunley Theatre. PMF will cancel City after hearing from AM.

### **86.8 Programme 1986/87**

1st October 1986 - Problems meeting

RM has approached the following speakers:  
 Dr Angus, Rofat Hiner.  
 Frank Malkin, BCA, *Colour matching in bathrooms*  
 Dr David Thomson, *Flicker in TV systems*  
 Dr Nelson, *Ore minerals* (will confirm on return from leave)  
 Philip Dimes, PIRA (not yet approached)

5th November 1986

This meeting is cancelled as the WDW meeting will be on 19th November and there are logistical problems with Roy Osborne in the USA.

19th November 1986

The WDW 80th birthday meeting is progressing, the working party will meet again after the March meeting. Imperial is booked.

3rd December 1986

SS will try to organise a fireworks and flares meeting.

7th January 1987

Julie Wilson is prepared to help David Palmer with the organisation of the vision meeting.

4th February 1987

The Chairman will approach James Bell and Tom Porter to speak on colour and architecture.

4th March 1987

Reports on CIE papers?  
 Sproson *TV Lighting*; Halstead *Colour Rendering*; Pointer *Colour Appearance*

1st April 1987

Nothing to report as UV group Committee meeting is on 19th February.

13th May 1987

The Bernard Sunley Theatre has been booked.

### **86.9 New Committee**

Owing to pressures at work Dr Pointer has had to resign as Vice-Chairman of the Colour Group. The Committee expressed its great regret at this news and said how grateful the Colour Group is for the enormous amount the Dr Pointer has contributed. The Chairman has written to him asking if he is prepared to act as 'consultant'. Although he is able to continue with the Newsletter in the immediate future, we need to find someone to replace him in the long term. Dr Pointer will continue to do the printing at Kodak.

Miss Mitchell has approached Professor Fletcher about standing for election as the new Vice-Chairman, on MRP's advice. She is waiting to hear. RM suggested also asking John Verrill, which she will do and VS will approach Dave Foster. Of course this may result in an election having to take place, which may or may not be desirable. Candidates must be aware of this.

Mr Forsyth is considering whether he will take on the Secretary's job.

Mr Sproson is prepared to continue as Treasurer for the time being.

Miss Halstead and Dr MacDougal have agreed to nomination as Ordinary Members. The Secretary will approach Isabel Blythe at Imperial as the third Ordinary Member.

The Chairman will be unable to attend the AGM. Dr Pointer will take the Chair.

### **86.10 Any other business**

Ian Galley, the Scottish Chairman, has been registered as a Director of the Colour Group at Companies House.

The next Committee meeting will be at 10.30 am on 5th March 1986, at the Dame Alice Owen Building, City University

**Meeting 219 Wednesday 5 March 1986**

Minutes of the two hundred and nineteenth meeting of the Committee held on Wednesday 5th March, 1986 in the Dame Alice Owen Building, City University.

**Present** Miss A M Mitchell, Miss S E Staniforth, Mr W N Sproson, Mr J M Adams, Mr P M Forsyth, Dr J B Nelson.

**86.11 Apologies for absence**

Apologies were received from Dr Pointer, Dr Barbur, Mrs Cobb, Mr Osborne and Mrs McKinnon. They were assumed from Mr Gailey, Chairman, Scottish Section.

**86.12 Minutes of the 218th Meeting**

86.4 First para, fourth line; 'main account' was changed to 'main Building Society account'.

86.8 'Rofar Sinar' was changed to 'Rofin Sinar' 'Old minerals' was changed to 'Ore minerals'

After these amendments were made the Minutes were signed as a correct record.

**86.13 Matters arising**

86.5 Miss Mitchell has sent off publicity leaflets for the RCA Colour Course. A cheque has been received to cover expenses.

**86.14 Membership**

Although not present at the meeting, Dr Barbur sent a full account of membership which the Secretary read out.

21 subscription cheques were handed to the Treasurer, with a bank statement detailing standing orders. Dr Barbur has written to each member who has failed to update their standing orders.

The membership status at 3rd March 1986 is:

131 fully paid Ordinary Members, 56 more to pay

15 fully paid Patron Members, 6 more to pay Kodak and Thorn Lighting will again pay for their subscriptions 'in kind'.

The Consumers' Association has sent a letter of resignation, they have not given a reason.

There is one new Ordinary Member, Norman Frank William Rumball, Colour Consultant and part-time lecturer at Leicester Polytechnic.

Dr Barbur is beginning to transfer membership

details onto a computer disc using an Ashton-Tate Dbase III package which runs on an IBM PC. This database system will allow us to maintain an up to date record of information such as addresses, place of work, subscriptions. When we have obtained information about interests this can be added to the system, but this will mean that we must register to avoid infringing the Data Protection Act; Mr Adams will obtain details about the Act.

Mr Adams will arrange with Mrs McKinnon to circulate information about the Group to VDU manufacturers.

**86.15 Editorial**

Mr Adams will write the meeting report for the March meeting.

The Chairman will ask Margaret Halstead if she is prepared to do her own report for the April meeting, Miss Staniforth will write a short note on Ralph Brocklebank's presentation of Michael Wilson's work.

Dr Barbur will write the May meeting report.

**86.16 Annual General Meeting**

The Report of the Committee was discussed and several amendments were made:

'Mrs J M Cobbs' was changed to 'Mrs J M Cobb' 'Mr J M Forsyth' was changed to Mr P M Forsyth'

**MEMBERSHIP**

This para now reads:

The Ordinary Membership of the Group at 31 December 1985 was 180, of whom 20 were admitted during the year. There are 21 Patron Members, of whom 2 were admitted during 1985.

**JOINT MEETINGS**

The second sentence now reads:

The March meeting was held jointly with the London Region of the Society of Dyers and Colourists.

**ASSISTANT SECRETARY**

'Dr Barbur' was changed to 'Dr V A Barbur'

The last sentence now reads:

The printing is continuing to be done as a donation from a Patron Member, for which the Colour Group is grateful.

## PUBLICITY

'Artists Newsletter' was changed to 'Artists' Newsletter'

Professor Fletcher has agreed to stand as Vice-Chairman. Brian Addenbrooke has agreed to stand as Secretary. Mr Sproson will continue for one more year as Treasurer. Dr Barbur will continue as Assistant Secretary. Mrs Cobb has sent a letter of resignation from the Committee. We will treat this as a resignation to take effect as from the AGM. The Secretary will approach one of the following to represent the Arts as an Ordinary Member of the Committee; Fred Dustin, Nick Easthaugh, Michael Wenyon.

The 1985 accounts are with the Auditors and we will discuss them at the April Committee meeting.

**86.17 Finance**

This item was moved in the Agenda because of the late arrival of the Treasurer.

There is £6725 in the main Building Society account. In addition to the £6000 transferred to the Nationwide, £500 has also been transferred from the Barclays Bank account.

**86.18 Programme 1985/86**

Mr Sproson will send Ralph Brocklebank's abstract to Dr Pointer. There will be no tea break during the April meeting.

**86.19 Programme 1986/87**

Details of this are given on the attached sheet.

**86.20 Any other business**

Dr Nelson asked if there have been any developments in the organisation of the meeting of Kindred Colour Society's, to be held on 8th October. No one on the Committee was able to answer.

The next Committee meeting will be held In City University on Wednesday 9th April.

**Programme 1986/87**

1 Oct	Problems	Rona McKinnon
19 Nov	WDW 80th Birthday Symposium	Working Party
3 Dec	Fireworks and Flares	Sarah Staniforth to approach Brooks and Paynes
7 Jan	Vision	David Palmer with help from Julie Wilson
4 Feb	Architecture and Colour	Audrey Mitchell Waiting to hear from James Bell and Tom Porter
4 Mar	Reports on CIE	Mike Pointer: Bill Sproson will talk on colour TV, Margaret Halstead on colour rendering, Mike Pointer on colour appearance. Preview of CIE Venice.
1 Apr	Joint meeting with UV Group	Rona McKinnon
13 May	AGM Chairman's address	Audrey Mitchell

**Meeting 220 Wednesday 9 April 1986**

Minutes of the two hundred and twentieth meeting of the Committee held on Wednesday 9th April, 1986 in the Dame Alice Owen Building, City University.

**Present** Miss A M Mitchell, Dr M R Pointer, Miss S E Staniforth, Mr W N Sproson, Mr J M Adams, Mr P M Forsyth, Mrs R McKinnon, Dr J B Nelson.

**86.21 Apologies for absence**

Apologies were received from Dr Barbur, Mrs Cobb and Mr Osborne. They were assumed from Mr Gailey, Scottish Section.

**86.22 Minutes of the 219th Meeting**

86.12 'Minutes of the 217th Meeting' was changed to 'Minutes of the 218th Meeting'.

86.20 'Wednesday 8th April' was changed to 'Wednesday 9th April'.

After these amendments were made the Minutes were signed as a correct record.

**86.23 Matters arising**

86.20 Or Pointer reported that the working party for the Kindred Colour Society's meeting on 8th October 1986 had put together a programme. The cost for the day will be 35. Dr Pointer cannot attend the meeting and the Committee agreed that the Colour Group should pay for the Chairman to attend.

**86.24 WDW 80th birthday symposium**

The meeting will be held on 19th November 1986 in Imperial College. The speakers are as follows:

Hunt - up to 1960  
Robertson - since 1960  
Ruddock - vision  
Birch - ophthalmology  
Wassail - instrumentation  
Staniforth - art  
Pointer - future

There will be a lunch and formal reception. Contributions from WDW past students will be requested and these will be bound together to make a presentation volume.

Robertson will have to be flown from Canada and his accommodation paid for two nights. The estimated cost of this is £520.

The costings work out £39 per head if 80 people attend. Dr Pointer proposed that the Colour Group should underwrite the meeting by £950. £50 has been offered by the NIC. The cost per head will

then fall to £22 for the day. Dr Pointer suggested charging £25, with the profit being used to offset the sponsorship. The Committee agreed that the Colour Group should subsidise the meeting with £950.

Mr Adams suggested that a printed programme should be made.

**86.25 Finance**

The Treasurer has received one copy of the accounts from the Auditor, which the Chairman signed. Three copies are needed. The top copy to be sent to the Solicitor with the Annual Return, a copy for the Minute Book and a copy for the Treasurer. The Chairman passed on the tax papers to the Treasurer.

**86.26 Newton Medal**

The Committee unanimously agreed that the Newton medal for 1987 should be awarded to Margaret Halstead. The presentation will be fitted into the 1987 programme.

**86.27 Editorial**

Dr Pointer said that he intended to circulate a Newsletter every month through the summer with the possible exception of August. This will clear up the backlog.

All is well with *Color Research and Application*.

**86.28 Membership**

Dr Barbur sent a letter with news of membership which Mr Forsyth read out. Eight cheques were handed to the Treasurer; 4 from old members, 1 from a patron member, 1 from a new member and 2 updates of standing orders.

A new member was admitted, Cecilia Ann Wilkinson from West Germany, who is a physicist and the coordinator for Ink, Press and Engineering in Gravure for the European Rotogravure Association.

There are a number of unpaid subscriptions. Dr Pointer will publish a reminder. Those who still have not paid by the July Committee Meeting will be lapsed.

Attempts will be made to get new members at the Kindred Colour Societies meeting in October. Dr Pointer will ask at the next working party meeting if it will be possible to have a publicity stand.

Mr Adams circulated notes (attached after Minutes) about the Data Protection Act. He had

got a registration pack from the Post Office. The Secretary will ask Dr Barbur if she is willing to coordinate Registration on behalf of the Group. The fee of £22 is for three years registration. It would seem that if we do not register then members permission must be asked before a list of members which is stored on computer (as it is already) can be circulated. We are obliged to register if any information about members other than their names and addresses is put on a computer record.

The Chairman proposed that we should register. The Secretary will send copies of the notes to Dr Barbur and ask her if she is prepared to register the Group. Mr Forsyth will put the documents in Dr John Barbur's pigeonhole at City.

The Chairman thanked Mr Adams for investigating the matter.

### **86.29 Annual General Meeting**

Mr Sproson will chair the AGM as Miss Mitchell is on holiday.

There were more changes to the Committee Report:

#### COMMITTEE MEMBERSHIP

'Mr J M Adams, Mrs J M Cobb and Mr P M Forsyth retired' was changed to 'Dr V A Barbur, Mr B W Jewess and Mr J F Verrill retired'.

#### MEETINGS HELD DURING 1985

'colourmetry' was changed to 'colorimetry' whenever it occurred.

### **86.30 Programme 1985/86**

Margaret Halstead will do her own meeting report. Sarah Staniforth will write Ralph Brocklebank's.

### **86.31 Programme 1986/87**

5th October 1986

Mrs McKinnon proposed a fifth speaker, Philip Dymes, who would talk on standardising process colours for printing. Mr Adams thought that it was too big a subject for a short talk.

19th November 1986

WDW 80th birthday symposium

3rd December 1986

Fireworks and Flares. The Secretary has contacted Norman Parker of Pains Wessex, who has agreed to talk about the colour measurement of flares, and Hugh Roberts ex Brooks Fireworks

who will talk about colour and fireworks. Mr Forsyth will find out if there is any problem demonstrating fireworks in the lecture theatre at City.

7th January 1987

Vision meeting. No news.

4th February 1987

Architecture meeting. The Chairman has heard from James Bell, who has agreed to speak. However Tom Porter is in the US for the next academic year. The Committee agreed that this meeting should be postponed until October 1987 and the Chairman will write to the speakers to tell them. Instead, the presentation of the Newton Medal will be made to Margaret Halstead at this meeting followed by her talk.

4th March 1987

CIE meeting. As many CIE people as possible should be involved. ?Joint meeting with NIC.

1st April 1987

Joint meeting with UV Group. Mrs McKinnon still hasn't had any definite news from the UV Group. We don't yet know if the date is convenient for them. The format should be 4 x 25 minute contributions.

13th May 1987

AGM and Chairman's address. All in order.

### **86.31 Any other business**

The Secretary read a note about the Walsh-Weston Award for NPL Photometry Research for which CIBSE has nominated Dr F J J Clarke and Mr D J Parry for their paper *Helmholtz Reciprocity: Its validity and application to Reflectometry*. As this has implications for colorimetricists, the note will be passed on to Dr Pointer for possible publication in the Newsletter. A copy of the paper was given to Dr Nelson.

Mr Adams drew attention to the Institute of Physics Snippets in which a film and video service for Colour had been advertised. He also pointed out that there was an 'Ask the Experts' service and he wondered if the Colour Group should offer its services. The Secretary will write.

The next meeting of the Committee will be on Wednesday 2nd July at 2 pm in the Dame Alice Owen Building, City University.

A note on

**The Colour Group and the Data Protection Act**

J. M. Adams. 4th April 1986

This note is extracted from a manual on the Data Protection Act and quotations are from this manual. The act covers data held on any computer "consisting of information which relates to a living individual who can be identified from that information". with specific exceptions;

Payroll not applicable to us

Accounts "keeping accounts relating to any business . . . keeping records of sales or other transactions for the purpose of ensuring . . . that the requisite payments are made . . . making financial or management forecasts". This should cover requests for subscriptions and their recording. and the Treasurer's records.

Unincorporated members clubs  
we aren't

Family and household affairs  
not applicable to us

Distribution of articles

"data held and used solely for the purpose and distribution of articles is exempt. The data must consist solely of names, addresses and other particulars necessary for effecting the distribution and you must have sought and received permission from the data subjects to hold the data". This would apply if we distributed our mailing list. We wouldn't have to register but we should ask each member whether they want to be on the list. I am a member of another Society which has just sent a form to all members asking if they want to be on a mailing list which is to be circulated to firms. and this will have covered this exemption.

I would judge from this that we can keep our membership and subscription records on a computer without any formality, but that if we intend to make available a list of members we should ask each member whether he wants to be on the list.

A record of members' interests hold on a

computer. would seem to require us to register under the Act.

The Act applies only to individuals, not to Companies so information about Patron Members is not within the act.

It is recommended that each organisation should appoint a Data Protection Co-ordinator, presumably in our case a member of the Committee to ensure compliance with the Act and to be the contact with the Data Protection Registrar.

**Meeting 242 Wednesday 24 May 1989**

Minutes of the 242nd meeting of the Committee held on Wednesday 24 May 1989 at 11.15 am, National Gallery, London

**Present:** Professor R J Fletcher (Chair), Dr D A Palmer, Miss M B Halstead, Dr J A F Taylor, Dr V A Barbur, Mr R W Brocklebank, Dr D R Saunders, Miss J H Townsend.

**89.39 Apologies for absence** were received from Mr D G Chamberlin, Dr C A Wood and Dr M R Pointer.

**89.40 The minutes of the 241st meeting** were accepted and signed by RJF.

**89.41 Matters arising**

89.31 12 July 1989 — Summer Visit to the Tate. It was agreed that registration forms for this visit should be sent to JHT by 7 July 1989. Upper limit of 30.

89.33 CAW requires an abstract from each recipient explaining their work, to go into the next newsletter. JAFT and RJF will organise.

**89.42 Finance**

RJF and MBH signed copies of the Audited accounts. MBH accounted that the auditors have checked the accounts against the membership list. The ordinary members agreed, but there are some queries on the patron members. It appears that 2 of these have not been paid.

The auditors are currently dealing with the Corporation Tax form.

A resolution 'That accounts at Barclays Bank, Lloyds Bank, Nationwide Building Society and the Gateway/Woolwich Society are continued' was passed unanimously.

MBH will not talk about a subscription rise at the AGM.

**89.43 Membership**

VAB announced 4 new ordinary members

Miss R A Nath Dept Colour Chemistry, University of Leeds

Mr S Lewis

Mr J Spode Yorkshire Computer Services

Mr J Warden Yorkshire Computer Services

There are at present 160 ordinary and 20 patron paid up members.

Three patron memberships have not been paid Adam Hilger, SDC, Trinity Lighthouse.

Twenty ordinary members have not paid.

If Thorn EMI do not pay their patron membership this year then they will be lapsed. Up until now, their membership payment was ignored, due to the services they provided. These services have not continued.

VAB will be sending out membership lists to all patron members. The publication of the membership list will be accounted in the newsletter in order to ask members of any objections.

Lapsing will be carried out at July committee meeting.

**89.44 Subscription structure**

At a previous committee meeting and AGM it had been suggested that subscriptions rates should be structured to allow reduced rates for students and retired members.

MBH and JAFT are to look at the membership list, to find out how many retired people are currently members. This will give an indication of the costs of bringing in special rates. A ruling that those eligible have to have been a member for more than 10 years, may be useful to reduce the numbers.

Student rates should be approx price. This tier could include unemployed members as well.

The M and A would need to be changed. This cost would have to be investigated through the solicitors. This will be discussed at a later meeting.

**89.45 Editorial**

CAW still requires the December meeting report from DGC. JHT agreed to write a report on the retiring chairman's address.

A letter from Roy Osbourne has been received complaining about spelling mistakes published in the obituary he wrote for Faber Birren. CAW will write to him.

**89.46 Programme 1989/90**

4 OCTOBER 1989

Bartleson Symposium

Prof R Hunt would like CAW to arrange a working party meeting for 7 June 1989. He would like a Brochure made, separate to the newsletter which

can be sent out to interested organisations in the symposium.

The registration forms/brochures must be sent out in the summer mailing and returned by mid September.

Prof Hunt has arranged the venue to be the Royal Institution, with a buffet lunch. Dinner is to be arranged at City University in the evening. JAFT will ask CAW to formally write to the International speakers proposed by Prof Hunt. Organisation for this event is behind schedule due to the various changes in plans.

8 NOVEMBER 1989

Problem Colours

To be held at City. RJF to organise venue.

6 DECEMBER 1989

Henderson Memorial

MBH has spoken to P Trigienza. She will have a further meeting with him to outline the papers for the afternoon. A Tarrant has not replied.

Venue to be at City University. RFJ to book.

10 JANUARY 1990 - Vision Symposium

DAP has spoken to Ian Moorhead, who will approach the AVA committee about a two day event. The venue will be City University.

7 FEBRUARY 1990

Turner Meeting

The Tate Gallery is booked. Coffee and tea will be provided. Some advertising in the gallery will be expected.

7 MARCH 1990

Texture

DRS has written to several people but has no definite speakers as yet. JAFT asked DRS to be a co-opted member until the meeting has taken place. Venue at National Gallery.

DRS said that he would still book rooms/theatres for Colour Group meetings.

4 APRIL 1990

Student Meeting

In hand.

16 MAY 1990

AGM

DAP has been quoted prices of £200 and £250 to hire the Bernard Sunley Theatre for half and full day respectively. A full day will be required in order that the demonstration can be set up.

Although the hire is expensive it was decided to go ahead, since a small charge could be made for the scientific meeting, after the AGM. The

meeting could be advertised within other interested organisations.

SUMMER VISIT

Exhibition in Bath.

This is only a provisional visit.

#### **89.47 50th Anniversary**

John Holmes and MBH have been looking at the ancient archives and selected a number of files to read to establish the history of the Colour Group. MBH will use a tape recorder to record W D Wright and John Holmes reminiscing over lunch. After that she will try to prepare a draft of a book for the anniversary.

A symposium (2 day affair) should be arranged for February 1991 - 50 years after the 1st meeting of the Physical Society, Colour Group. The symposium will need to include something on all the aspects of the Colour Group work over the years.

RWB found the missing minute book.

#### **89.48 AOB**

There was no other business.

#### **89.49 The next meeting**

This will be held on 12th July at the Tate Gallery, 11.15 am. Those attending should use the main entrance to the Gallery and wait at the enquiry desk for INT.

**Meeting 243 Wednesday 11 July 1989**

Minutes 243rd meeting of the Committee held on Tuesday 11 July 1989 at 11.15am, Tate Gallery, London.

**Present:** Dr D A Palmer (Chair), Miss M B Halstead, Dr J A F Taylor, Mr R W Brocklebank, Mr D G Chamberlin, Dr N J Eastaugh, Dr P M Forsyth, Dr J D Mollon, Miss J H Townsend

**89.50 Apologies for absence**

Received from Dr V Barbur; Prof R J Fletcher, Dr D Saunders and Dr C Wood.

**89.51 The minutes of the 242nd meeting**

These were accepted as correct and signed by DAP.

**89.52 Matters arising**

89.43 Thorn EMI have agreed to pay their patron membership. VAB will need to send a letter out to the individual concerned.

**89.53 Annual return**

JAFT has sent all annual return particulars with a cheque to Jackson and Grimes who will file the return at Company House.

**89.54 Finance**

MBH has been sent a bill from Jackson and Grimes for their services, to a sum of £210.

MBH says there is approximately £1000 in the current account. The NIC subscription is still to be paid this year, at £90.

**89.55 Membership**

One new patron member: Wiggins Teape, Beaconsfield, representative to be Miss S Ward.

One new ordinary member: Nicholas Paritsis, Department of Psychiatry, University of Crete.

Lapsing will be deferred until the next committee meeting.

MBH has collected several hundred membership forms from Audrey Mitchell. There are only a few stickers left which give the current membership rates. Since membership rates may change in the future, it was decided not to get more stickers printed for the time being.

**89.56 Subscription structure and recruitment**

MBH had nothing to report since a membership list has not been printed. MBH explained the ideas aired at previous meetings concerning the new subscription structure for students and retired members.

JDM said that if many new student members were encouraged to join, they were likely to be temporary and come and go frequently. It would therefore be more appropriate not to have the lapsing routine for student members as this would only be a wasted effort for the committee.

**89.57 Editorial**

Due to other commitments CAW will be unable to continue as Editor of the newsletter after December 1989.

DAP will consider setting up a working party to establish a new editorial system. JAFT, NJE, DAP, PMF and MBH volunteered to join the working party.

The committee discussed the possibilities of a new format for the newsletter. Suggestions included the revival of the old style journal. This could be called a bulletin and sold to libraries as well as being sent to members. The old style pink notice would then be used to notify members of meetings etc.

MBH suggested that Mike Pointer should be co-opted onto a working party, as he had experience in newsletter production.

Two meeting reports are still required. DGC and JHT were asked to supply these reports so that they would be circulated in the next mailing. The next mailing will be at the end of August/beginning of September. A programme for next years meetings should go out at this time.

**89.58 Programme 1989/90**

4 October 1989

Bartleson Symposium

DAP reported that the working party meeting had taken place and all seemed to be in hand.

Nayatani. and Terstiege are unable to give lectures. Robertson has not replied yet.

JDM expressed his disappointment in the poor quality of the publicity documents. He felt that the lack of documentation on speakers and lecture contents, would reduce the levels of response. He also felt that the costings were steep and that students should be allowed to attend free of

charge.

The committee felt that students should be allowed to come along to the symposium without payment. They would not, however, receive lunch. The best way to encourage students is to notify education departments individually of the arrangements. MBH said this would be taken up at the next working party meeting.

8 November 1989

Problem colours

CAW has not had much luck in obtaining suitable speakers for this meeting.

6 December 1989

Henderson Memorial

Arthur Tarrant will speak for the first 15 minutes. Then Tregenza is to arrange a speaker for 'Using Daylight in Buildings'. Tea will be served followed by a speaker on Daylight and Colorants and then MBH.

10 January 1990

Vision Symposium

The AVA does not want to have a joint meeting. Therefore it will be a one day symposium at City University. The AVA will publicise the meeting.

7 February 1990

Turner Meeting

This is in hand. There will be 3 speakers (probably).

7 March 1990

Texture

DRS is organising this meeting.

4 April 1990

Postgraduate Meeting

Venue: Polytechnic of Central London. CAW organising this event, which will include the WDW Award recipients.

16 May 1990

AGM

Prof Charles Taylor will be giving talk and demonstration called 'Those chromatic splendours'.

DAP said that there is normally a hire for the collection which Prof Taylor will be showing. However he has managed to get this fee waived. RI will be hired for one day at £250.

Summer Visit 1990

This has not been confirmed. The programme for the newsletter should state that a visit has been proposed but not yet confirmed.

### **89.59 80th Anniversary of the Colour Group**

MBH suggests that the dinner is held at the Whitbread Brewery.

The anniversary will include the Newton Dinner and lecture.

John Holmes has started drafting chapter one of the book.

The meeting with WDW was a success and John Holmes is now transcribing the tape recording.

MBH has the other half of the documents to look through. In October she hopes to spend 3 days with John Holmes putting together a draft of the book. This will then be presented to the committee.

### **89.60 AOB**

R Lozano has asked for the Argentinian Colour Group, Grupo Argentino de Color (GAP) to be accepted as a participating society of the Colour Group (Great Britain). This will be put as an ordinary resolution at the next committee meeting.

JHT asked for a suitable speaker to give a talk on Colour Vision and difficulties with 2D, at a 'Colour Appearance Changes' conference. Robert Weale and John Saunders were suggested.

### **89.61 The next meeting**

A date has not yet been confirmed. The committee will be notified in due course.

**Meeting 244 Thursday 24 August 1989**

**Part One** of the 244th Meeting of the Committee held on Thursday 24th August 1989 at 3.30 pm, Tate Gallery, London

**Present:** Dr D A Palmer (Chair), Dr J A F Taylor, Dr V A Barbur, Dr C A Wood, Mr R W Brocklebank, Dr N J Eastaugh, Dr P M Forsyth, Dr J D Mollon, Miss J H Townsend, Dr M Pointer.

**89.62 Apologies**

Received from Dr D Saunders, Mr D Chamberlin, Miss M Halstead and Prof R Fletcher.

**89.63 Minutes of the 243rd Meeting**

Page 4 - 89.59 should read 50th Anniversary.  
Page 5 - Paragraph 2. delete.

Page 5 - 89.60(b) should read Robert Weale.

The minutes were agreed and signed by DAP.

**89.64 Matters Arising**

VAB requires the membership forms of those new members admitted last meeting.

Mike Pointer has received a phone call from John Hutchings who requires further information on the 'Problem Colours' meeting -CAW will contact him.

**89.65 CAP - Participating Society**

JAFT read out from the Articles of Association part 6 c(i) regarding the passing of an ordinary resolution at a General Meeting to add a society onto the list of participating Societies.

As a temporary measure the committee passed a resolution to have GAP as an associated Society similar to the American, Australian and Indian societies. They will require a newsletter from now onwards.

The existing list of participating societies will be reviewed and those requiring addition will be put forward to the ordinary members. An ordinary resolution will be passed at the next Annual General meeting.

**89.66 Finance**

JAFT reported that the April meeting held at NPL made a profit of £241 each for the Colour Group and the UVSG.

There was nothing else to report.

**89.67 Membership**

The following members were lapsed:

Mr T O T Fletcher, Mme M Bernazzani, Mr B Powell, Mr C G Hill. Mr C R Collins, Mrs M S King, Miss S Kosak-Fuller, Mr K Martini, Miss K Spendlow, Mr C W Mortimer, Mr R Broadhurst, Mr D A Pavey, Mr Tak-Ming Man, Dr R A McKinnon, Dr L Oldfield, Mr R M Fravel, Dr F Norrington, Mr D Poole.

There are 2 new Patron members:

Sandra Jones - Glen Spectra  
Teresa Telus - Monotype International

There are 2 new Ordinary members:

Dr J Marshall, Southampton University  
Mr P Caro, Lecturer.

There are 169 Ordinary members and 24 Patron members.

Mike Pointer is currently organising a list of members names and addresses. Members will be asked in the October newsletter whether they wish to withdraw their address from such a list.

**89.68 Subscription Structure and Recruitment**

VAB has produced a list of members which MBH and JAFT will look through to analyse the structure of the membership.

**89.69 Editorial**

a) Mike Pointer has been in contact with a small firm called Amplex Services in Sevenoaks who would produce labels, duplicate the newsletter and post. They would also update the computer mailing list, after an initial cost of setting one up.

On the basis of sending out a 5 page (10 sided) newsletter, Mike has costed the newsletter to £11.30 a year per member.

Subscriptions would therefore have to rise. Further quotes are needed on a similar basis.

b) VAB and PMF are currently investigating the possibility of City University carrying out the duplicating and mailing. They will obtain costings.

In each case it would be necessary for one person on the committee to be appointed to collect together all the information each month for the newsletter and make the top copy.

There will be a working party meeting on 5 September 1989 at 10.15 am at City University.

Dr Ellen Carter is the new editor for *Color*

*Research and Application.*

**89.70 Programme 1989/90**

4 October 1989

Bartleson Symposium

A new fuller programme has been put together for circulation. The working party agreed to leave the fee at £24. Students will be asked to contact CAW who will register them free, providing they have their supervisor's signature. Further discussions took place regarding these arrangements. It was agreed that the final decisions must come from the working party.

8 November 1989

Problem colours - CAW asked for further suggestions for speakers.

At 17.30 pm, it was agreed to adjourn the meeting until 5th September 1989, when the last items on the agenda would be discussed.

**Part 2. Continuation of meeting 244, held on 5th September 1989 at the City University, London.**

**Present:** Miss M Halstead, Mr R W Brocklebank, Mr D G Chamberlin, Dr N J Easlaugh, Dr P M Forsyth, Prof F W G Hunt, Dr I Mollon, Dr D R Saunders.

**Apologies** were received from Dr J Taylor, Dr L Wood, Dr V Darbur and Miss J Townsend.

Before the meeting Dr D Palmer had tendered his resignation as Chairman and departed. MBH took the chair and ruled that the discussion of the chairman's resignation should be held over until the next full committee meeting. The Bartleson Working party meeting was merged with the main meeting.

**89.70 Programme 1989/1990**

4 October 1989

Bartleson Symposium.

In view of the need to attract a good attendance, it was decided to send out a special mailing to Colour Group members, offering them a reduced registration fee of £6. This has been made possible by the current estimates of likely attendance and an Unexpectedly large donation from Eastman Kodak. Any shortfall in funds will be covered by the Colour Group. The committee agreed to this amendment.

1 November 1989

Problem Colours

DOC has located a speaker on Colours of Fossilised Pollen Grains and may have a speaker on biological colours.

6 December 1989

Henderson Memorial

MBH reported that arrangements were proceeding well.

10 January 1990

In view of DAP's action, it seems likely that a new organiser is required, JDM offered to do this although he will be out of the country at that time.

**89.71 Programme 1990/1991** Nothing was discussed.

**89.72 50th Anniversary.**

Contributions for the commemorative publication are being solicited. First draft should be ready by the end of the year. Planning for the meeting should be started soon.

**89.73 AOB.**

All other matters were held over until the next full committee meeting.

**89.74 Next meeting**

The next meeting will be on the 20th September at 2.00, the Dame Alice Owen Building, City University.

**Meeting 245 Wednesday 28 September 1989**

Minutes of the 245th committee held on 28 September 1989 at 2.00pm, City University London.

**Present:** Miss M B Halstead (chair), Mr R W Brocklebank, Mr D Chamberlin, Dr N J Eastaugh, Dr P M Forsyth, Prof R W G Hunt, Dr J D Mollon, Dr D A Palmer.

**89.75 Apologies for absence**

Received from Dr V A Barbur Miss J H Townsend, Prof R J Fletcher, Dr D Saunders and Dr J A Taylor.

**89.76 Minutes of last meeting**

Both parts of the 244th meet were accepted and signed as correct by MBH.

**89.77 Matters Arising**

There were no matters arising.

**89.78 Chairman and vice-chairman letters of resignation**

Dr D A Palmer made a statement concerning his stress related health problems, which had contributed to his letter of resignation, and stated that he was willing to withdraw this, at least for the time being. This withdrawal was welcomed wholeheartedly by MBH on behalf of the committee.

MBH said that Prof Fletcher had been told that his resignation was not felt to be desirable by the committee, resulting in him withdrawing it. MBH pointed out that the Committee must urgently consider candidates for the position of Vice-chairman from May 1990.

**89.79 Finance**

MBH estimated that over the current year the assets of the group would have increased by £1800 (£932 after allowing for inflation). The increase was mainly due to interest and the profits made at the Symposium held at NPL.

**89.80 Membership**

Ordinary membership Applications have been received from Dr J L Barbur and Dr J S Gage. Both were formally accepted by the committee.

**89.81 Subscription structure and recruitment**

No discussion took place,

**89.82 Editorial**

VAB has provided details of the TCU offer to print and distribute the newsletter. The cost of £185 per issue, based on current membership numbers, postage rates, and mean number of pages, will not include the preparation of the top copy. MBH said that she estimated that this would cost the Group £1100 more per year than at present, and implied that an increase of up to £5 on subscription would be necessary. Subscription rates can only be changed at a general meeting of the Group. Three weeks notice of an extraordinary meeting will be given in the next newsletter. Provided that the newsletter information is collated in time the EGM will be held on 8 November. Otherwise it will take place on 6 December. MBH will draw up a resolution. It was agreed that subscriptions should be increased to £12.50 for Ordinary members and £35 for Patrons.

The TCU newsletter proposal was accepted by the Committee. PMF offered to assemble the top copy. CAW pointed out that he would need to prepare the Newsletter in December, allowing time to notify members of the January meeting.

**89.83 Programme 1989/90**

4 October 1989

Bartleson Symposium

Applications stand at 71 plus 30 students. Detailed arrangements were discussed and approval was given to RWGH for a tentative booking for 100 coffees and lunches and 75 teas at the RI. Dinner applications stand at 48 and the final arrangements were discussed.

8 November 1989

Problem Colours

DC has confirmed that he has one speaker for this meeting and he is confident that he will secure a second. Details must be sent to CAW by 7 October for the newsletter. RJF has booked room U316 at TCU.

6 December 1989

Henderson Memorial. MDM has arrangements in hand.

January 1990

Vision Symposium

DAP and JDM are to arrange this meeting and would like to invite Mme Vignette to speak. MBH agreed that expenses could be paid. VAB has offered to assist in the organisation of this meeting

if required. PMF will book a meeting room and arrange lunch.

February 1990

Turner meeting

Meeting organised by JHT. NJE will contact her to ensure arrangements are in hand.

March 1990

Texture meeting.

Meeting organised by DRS. NJE will contact him to ensure arrangements are in hand.

April 1990

Postgraduate/students contributions.

At least 2 more contributions are required to make a full meeting. Committee members are asked to consider possible candidates.

May 1990

AGM

DAP reported that all arrangements are now complete.

### **89.84 Programme 1990/1991**

VAB suggests asking Prof Ruddock to give his talk on *Seeing through a physicists eye*.

John Hutchings may be able to organise a meeting on Colour and Architecture.

DAP suggested Dr F Clarke to talk on the NPL standard scale of false colours.

CAW has tried to get speakers from Marks and Spencers or British Home Stores to talk about fashion colours, without success. MBH suggested that someone from the textile world might oblige, and she will discuss the matter with Audrey Mitchell.

MBH suggested a meeting on computer modelling of architecture and lighting.

RWGH suggested a meeting at Crosfield on colour scanning. This could be in the form of a summer visit. CAW will investigate.

Firmer ideas regarding the programme are required by January 1990.

Since the February and May meetings in 1991 are likely to be held on the second Wednesday of the month, the programme dates should be discussed at the next committee meeting.

### **89.85 50th Anniversary**

This will be the major event of the year and occurs on the 13 February 1991. The Newton

Medal award will be combined into the proceedings. A working party will be set up at the next committee meeting. Sarah Staniforfh suggests that a social event on this occasion could be held at a National Trust property.

### **89.86 Bartleson working party**

RWGH explained that the medal would be awarded every 2 years, at a meeting usually but not necessarily hosted by the Colour Group. In view of the problems encountered on this occasion, MBH felt it would be wise to set up a standing working group and activate it as soon as a future award time and venue were selected. This will be discussed at the next meeting.

### **89.87 A0B**

Mike Pointer has received a letter from Dr Schanda (P.Sec CIE) asking for closer liason with the Colour Group. He did not receive notice of the Bartleson Symposium early enough to include it in the CIF newsletter. The placing of Dr Schanda on the mailing list was discussed. MBH will find out what he intends to do with all the material supplied in our newsletter, and a final decision will be made at the next meeting.

JDM announced that the 1st Stiles Lecture will take place at UCL, 5.30pm on 12 October. Dennis Baylor will give a lecture on primate post-receptors. JDM will send a notice to CAW so that it can be included in the information pack at the Bartiesen Symposium.

### **89.88 Next meeting and venue**

The next meeting will be at 10.30 am on 8 November 1989 in room 0402, Dame Alice Owen Building, City University.

**Meeting 246 Wednesday 2 November 1989**

Minutes of the 246th Committee meeting held on 8th November 1989 at 10.30am, The City University. London.

**Present:** Dr D A Palmer (Chairman), Hr R W Brocklebank, Dr N J Eastaugh, Dr P H Forsyth, Miss H B Halstead, Dr J D Mollon, Miss J H Townsend, Dr C A Wood.

**89.89 Apologies for absence**

Received from Dr V A Barbur and Dr J A F Taylor.

**89.90 Minutes of the 245th meeting**

Accepted and signed by the Chairman.

**89.91 Matters arising:**

Report on the Bartieson Symposium

Dr D A Palmer said he had received many favourable comments from those who had attended. and MBH read out a letter of thanks from Mrs Bartleson. MBH reported on the financial aspects of the symposium. The net cost to the Group was likely to be about £115. This was in part due to people who had booked dinners but not paid or attended. MBH will write to these. Of the Companies who had paid the earlier higher fee, only one had claimed the rebate. Dr R W G Hunt had suggested that the tributes to Dr Bartleson should be published in *Colour Research and Application*. Dr M Pointer has sent some of the material to the editor. it will probably appear in the form of a meeting report. NE (who had not arrived at this point) would be asked to produce an extended version of the report he will do for the Newsletter. RWGH will be asked to produce a written version of his talk.

The chairman thanked the working party and all those involved in the organisation of the meeting for their efforts.

**89.91 Finance**

MBH said that the books close on 31st December, so all claims for expenses should be in by the next Committee meeting. The Chairman asked if the proposed new subscription would be sufficient to cover the costs of the new method of producing the Newsletter. MBH calculated that the Group's funds (i.e. interest on investment) would have to contribute about £2.00 per member.

**89.92 Membership**

Dr Christine R Holdstock had applied for membership. She was proposed by VB, seconded by CAW, with no objections. VAB has a new address: Dept of Statistics, 1 South Parks Road, Oxford. C W Mortimer had died in August; DAP will write an obituary for the Newsletter. The deaths were also noted of J Collins and J F Stevenson.

DAP will reply to a letter from the Chairman of the Argentinian Colour Group, Daniel Lozano, explaining the Group's position on reciprocal membership.

**89.93 Editorial**

MP has passed the Members address file to PMF. CAW needs editorial matter for the November issue of the Newsletter within a week. She is awaiting meeting reports from DC (on the Dec 88 meeting) and from NE (the Bartleson symposium). She handed over the Newsletter file to PMF at the meeting.

The December issue should include membership renewal forms. Since the new rate will not be approved until the EGM on 6th December, the Newsletter will not go out until after the EGM. PMF will check with VAB which address she needs renewal forms to be sent to.

**89.94 Extraordinary General Meeting**

The notice of the EGM was sent out in the October Newsletter. MBH will present the case for an increased fee. DAP raised the question of reduced rates for retired members. MBH will analyse the membership list, which was distributed to the Committee in September, to see what the effect of such a reduction will be, but meanwhile it was agreed to keep all ordinary memberships at the agreed figure of £12.50 on this occasion.

**89.95 Programme, 1989-1990**

The current meeting includes talks by John Marshall and Barry Wyatt, the latter at very short notice. These will be reported by JFT and NE respectively.

6th December

Henderson Memorial Meeting

MBH said the programme was as follows:

2.00 EGM

2.15 A W Tarrant on Henderson

2.30 M B Halstead on Artificial Daylight Sources

and their Applications

- 3.15 Tea  
 3.30 Prof Page on The use of daylight in Architecture.  
 4.14 Finish

10th January

Vision meeting.

DAP and JDM reported that Françoise Vienot and Prof. Arden had accepted invitations to speak. Other speakers would include M Webster (*Axes of Colour Space*), J Reffin (*Test for Colour Deficiency*), J Barbur and H Pinney (*Colour Constancy*).

DAP and JDM will calculate the attendance fee, and provide a brief advance notice for the November newsletter.

7th February

Turner meeting.

JFT reported that there will be three speakers - herself and two colleagues. The meeting notice should be prepared by the beginning of January. JET will see if coffee can be provided.

7th March

Texture meeting.

DRS was not present to report on progress. Suggestions made for speakers included asking ICI Paints Division, the carpet industry, and D W Brogan (texture in search). JDM mentioned a French colour system based on dyed wool samples, which he will assess as a topic for a talk.

4th April

Postgraduate meeting.

CAW reported on progress to date, and handed over the responsibility for this meeting to DAP. The WDW award winners will need to be reminded, and the Polytechnic to be booked. (This cannot be done until January - contact Susy Gibbons).

16th May

AGM

DAP reported that arrangements for this were well advanced.

### **89.96 Programme for 1990 - 1991**

CAW reported that she had arranged a Summer visit for 11th July 1990 to Crosfield Electronics. Visitors should arrive at 2.00pm, and the visit will last 2 to 3 hours. She requires a contact name, and MBH volunteered. An application form will be needed, as there is a maximum of 30 people.

There will be no CIE meeting to report until duly

1991, but Dr M Pointer will be asked to talk on the status of CIE work. Further suggestions included A Whitfield (Architecture), John Hutchings (Archaeology or Glass), and a Phillips Video demonstrating computer modelling of lighting.

The dates for 1990/91 were set as follows

3rd October 1990

7th November 1990

5th December 1990

9th January 1991 (one day vision meeting)

13th February 1991 (Newton Medal presentation) and 50th Anniversary of the Colour Group

6th March 1991

3rd April

16th May AGM and DAP retiring address

MDH will contact Alan Whitfield and John Hutchings, DAP will contact FJJ Clarke and Prof. Rudduck (for either October 1990 or April 1991). CAW has had no success with either BHS or M&S.

### **89.97 The concept of Working Parties**

MBH said that the Colour Group Memorandum of Association describes sub-committees, but not working parties. Most working parties had been set up for particular items of work: they make recommendations to the main committee, which then approves the actions to be taken. The working party then carries out those approved actions. In her view working parties should operate in this way. Examples of this type of working party include those on Publicity, the bibliography, and on computer programs. The exceptions have been when other organisations have been involved in setting up joint working parties (e.g. to organise the AIC congress, and on ceramic colour standards).

### **89.98 a - Working party on the next Bartleson Award**

The meeting then analysed the problems that had occurred in connection with the Bartleson working party. It was decided not to set up a standing Bartleson Working Party. It was agreed that working parties should be responsible to the Colour Group Committee, and should not act on decisions with ratification by the Committee. In view of this, the Chairman would write to the trustees, asking that the Colour Group, (and the

potential recipient of the Bartleson medal), should be given a full year on future occasions, in which to plan the symposium.

**89.99 b - Working party on the 50th Anniversary**

MBH reported progress on the publication to mark this event, (see attached framework). To print 500 copies of a 48 page book might cost £1180, whereas 1000 copies would cost £50 more. MBH would like to ask Dr M Pointer to join the editorial team, to provide an independent review. It was suggested that patron members might be asked to provide sponsorship, and that Crosfields might be asked to provide colour separations.

MBH suggested that John Holmes might be the Newton Medal recipient. Both the formal setting up of the working party, and a consideration of the Newton Medal award should be discussed at the next committee meeting.

**89.100 Newsletter mailing to the CIE**

PMF will add Dr Schanda to the mailing list, and place a note in the December Newsletter to the effect that kindred organisations are welcome to republish our notices of forthcoming meetings.

**89.101 Any Other Business**

JDM suggested that there should be an agenda item for the next Committee meeting on the organisation of the Colour Group.

DAP has received a Dutch journal containing an article by Oliver Sachs. PMF will try to get an abstract of the contents for the Newsletter.

DAP thanked CAW on behalf of the Group for her work as assistant secretary and in relation to the Newsletter and wished her good luck in New Zealand.

The next committee meeting will be at 10.30am on 6th December, at City University in room 402.

**Meeting 247 Wednesday 6 December 1989**

Minutes of the 247th committee held on 6 December 1989 at 10.30 am, City University London.

**Present:** Dr D A Palmer (chair), Miss M B Halstead, Dr J A F Taylor, Dr V A Barbur, Dr P M Forsyth, Mr R W Brocklebank, Dr J D Mollon.

**89.103 Apologies for absence**

Received from Dr C A Wood, Miss J H Townsend, Prof R J Fletcher, Dr D Saunders and Dr N Eastaugh.

**89.104 The Minutes of 246th meeting**

Duely accepted and signed as correct by DAP.

**89.105 Matters Arising.**

89.91 Financial figures are not complete as R Hunt has not had the bill from the RI. VAB said that 4 dinners were ordered but not paid for and these people should be chased.

89.99 DAP has written to the trustees asking for one years notice for the Bartleson award.

89.100 MBH has asked M Pointer to join the editorial team and he has accepted.

**89.106 Finance**

MBH had nothing to report.

**89.107 Membership**

The group is now covered by the Data Protection act until December 1992.

VAB has received £30 from Thorn Lighting for their Patron membership. 18 month rule has been adopted.

**89.108 Editorial**

Discussions took place to finalise the contents for the December Newsletter. Members will be asked to check their address labels to ensure the new register is correct.

**89.109 Programme 1989/90**

6 December 1989  
Henderson Memorial. Following the EGM the meeting will start with A Tarrant, tea, MBH and then P Tregenza. WDW has asked MBH to say a few words on his behalf.

10 January 1990  
Vision Symposium

Programme to include F Vienot G Arden, J Ref fin, P Forsyth, H Pinney, M Webster and A Morland. DAP has arranged a cold buffet lunch. MBH will organise payment of 1000FF for F Vienot.

7 February 1990  
Turner meeting  
Meeting organised by JHT.

7 March 1990  
DRS has found it impossible to get speakers for a texture meeting. Members suggested a meeting on pseudocolours and colour organisation. DAP suggested F J J Clarke on false colours. This could be combined with a talk on map colourings (John Adams) or Michael Morgan on colour organisation in the perceptual field.

4 April 1990

Postgraduate/students contributions

S Astell may have difficulty in giving a paper. J Mollon could provide two other speakers instead. Another possibility is Paul Hubel at New College, Oxford.

16 May 1990- AGM. DAP reported that all arrangements are in hand.

11 July 1990

Summer Visit Crosfields

Booking with Annette Salisbury. Numbers are required in advance. Transport was discussed. Committee decided that transport options would have to be organised in advance. PMF volunteered to arrange.

**89.110 Programme 1990/1991**

October 1990

Meeting on displays with A Roberts, BBC (JAFT to arrange) and perhaps J Wolfe from City University (PMF to enquire).

November 1990

K Ruddock. Need one extra paper plus IC demonstrations at Imperial College.

December 1990

FJ J Clarke on pseudocolours.

January 1991  
Vision meeting

February 1991  
Newton and 50th Anniversary

March 1991

Colour and History of Art

JDM will contact John Gage and arrange other speakers.

April

Folk Lore Society

May 1991

Retiring chairmans address

#### **89.111 Newton Medal recipient**

The committee agreed that John Holmes should be the recipient. DAP will write to him.

#### **89.112 50th Anniversay**

DAP, MBH, RWB volunteered for the working party. MBH also suggested John Hutchings. She will contact him regarding the matter. The first working party meeting will be on the 5 January 1990 at 11.15 am before the main committee meeting.

#### **89.113 Organisation of the Colour Group**

JDM proposed that an organisational chart should be made of the Committee in order that most of the business was carried out by the main officers. Several Committee members pointed out that the heavy work load was too large for just a few people and that it was easier to spread the work around . Much discussion took place. The issue will be continued at the next meeting.

#### **89.114 AOB**

NIC. Subscription will rise to £110 next year with up to 15% rise the following year. Rises are due to running costs of the CIE Bureau in Vienna. Three countries have been expelled from the CIE - Mexico, Peru and Pakistan. ISO standards and CIE will combine to be ISO/CIE standards. CIE 1991 will have low cost accomodation in student lodgings. People will require a Visa.

JDM asked if the French colour society could exchange newsletters with the Group. This was agreed.

DAP asked members to think about new officers for the committee.

#### **89.115 Next meeting and venue**

The next meeting will be at 2.00 pm on 5 January 1990 in room 0402, Dame Alice Owen Building, City University.

**Meeting 248 Wednesday 5 January 1990**

Minutes of the 248th committee held on 5 January 1990 at 2.00 pm, City University London.

**Present:** Dr D A Palmer (chair), Miss M B Halstead, Dr J A F Taylor, Dr V A Barbur, Dr P M Forsyth, Mr R W Brocklebank, Dr J D Mollon, Miss J H Townsend.

**90.01 Apologies for absence**

Received from Prof R J Fletcher, Mr D Chamberlin, Dr D Saunders and Dr N Eastaugh.

**90.02 The minutes of 247th meeting**

These were accepted and signed as correct by DAP. Minutes of the EGM were circulated, checked and signed as correct.

**90.03 Matters arising**

There were no items for discussion.

**90.04 Finance**

MBH anticipates a loss of £44 for the Bartleson Symposium after the RI bill has been paid.

MBH has been going through the books and has found a nett increase of assets over the year of approx £1600.

**90.05 Membership**

The Forensic Science Service has withdrawn its Patron Membership.

**90.06 Editorial**

N Eastaugh is sending PMF reports for November and the Bartleson Symposium. Surrey University have asked for an insert to be put into the Newsletter advertising their course. Committee agreed to this.

**90.07 Programme 1989/90**

10 January 1990

Vision Symposium

Speakers are organised. F Vienot has a 9.00 am flight so J Reffin may speak first if she is delayed. Ref fin's abstract was sent too late for the Newsletter so PMF will duplicate for participants. Originally the catering was organised through Prof Fletchers account at the University. However he has had problems with being incorrectly charged. Therefore he would prefer we took an alternative route. VAB pointed out that charges are different for external organisations. VAB will ask J Barbur if his account can be used.

7 February 1990

Turner meeting

2.30 pm start. Two speakers with tea break afterwards. JHT will try to get D Saunders or N Eastaugh to write a report.

7 March 1990

DAP has spoken to F J J Clarke who does not want to speak at this meeting. He would prefer a date in the next calender.

Michael Morgan is willing to give a talk on perceptual fields but would like assistance with traveling expenses. MBH suggested t75 would be appropriate. JDM will contact him to confirm.

Venue - National Gallery -JAFT to confirm for Newsletter.

MBH will contact John Adams to ask him to talk on Colour in Cartography.

4 April 1990

Postgraduate/students contributions

JDM can get M Tovee, Alex Shepherd and Gabriella to give talks. DAP will chase P Brent and M Tyrell. DAP will contact K Ruddock to get some other speakers.

16 May 1990

AGM

DAP reported that all arrangements are in hand. Prof Taylor's talk is called *Those Chromatic Spendours*.

11 July 1990

Summer Visit to Crosfields.

MBH will organise an application form which should be sent out with the May meeting notice. VAB will find out bus times and taxi information.

**90.08 Programme 1990/1991**

3rd October 1990

Meeting on displays with A Roberts, BBC (JAFT still to arrange). J Wolfe not too keen on giving a talk.

7th November 1990

K Ruddock has agreed to give a talk for approx 1hr. It was suggested that some of his students could give talks or provide demonstrations to complete the afternoon. Venue IC.

December 1990

F J J Clarke pseudocolour talk. Need something before his main talk.

January 1991

Vision meeting.

February 1991

Newton and 50th Anniversary. 2 day event - 13th and 14th. Newton lecture and dinner on the 13th.

Wednesday Morning - WDW - origin, Chamberlin -Transition, Tarrant - next 30 yrs, Hunt - AIC, DAP -Looking forward.

Wednesday Afternoon - Vision with Ruddock, Birch and Mollon. Tea followed by J Holmes Newton lecture.

Thursday Morning - DAP - CIE, McLaren - Instrumentation, Pointer - Applications, Hunt - Models, Pattison - Colour chemistry, Mollon - Heretics.

Thursday Afternoon - Art and Design. Venue not decided yet. Book will be out before the symposium so all delegates will receive a copy. Additional copies will be on sale.

March 1991

John Gage has agreed to speak and arrange an afternoon programme. Venue to be National Gallery.

April 1991

Committee agreed to merge this meeting with the Folklore Society's meeting on Saturday 6 April.

15th May 1991

Retiring chairmans address.

### **90.09 Organisation of the Colour Group**

JDM suggested that both the work of the Committee and their meetings were inefficient. He proposed that most of the meetings organisation should be carried out by the secretary, who could then delegate work to other Committee members. Programme reporting would be less lengthy at Committee meetings as the secretary would provide a simple summary for each date. The Assistant Secretary will be responsible for venue bookings. PMF volunteered for co-option as Assistant Secretary until he is officially appointed in May.

DAP said that in future we should be able to drop some committee meetings. As a trial there will be no February meeting.

### **90.10 New Committee Officers**

JDM was proposed as Vice-chairman for 1990/1991. He accepted this proposal. Five new ordinary members are required. The following people will be contacted by JAFT : J Saunders, P Emmerson, A Gunton, M Tyrell, J Gage.

### **90.11 Next meeting and venue**

The next meeting will be on 7 March at 11.15 am at the National Gallery. Please use entrance to the left of the main door.

**Meeting 249 Wednesday 5 Janu7 March 1990**

Minutes of the 249th committee held on 7 March 1990 at 11.15 am, National Gallery, London.

**Present:** Dr D A Palmer (chair), Dr J A F Taylor, Dr P M Forsyth, Mr R W Brocklebank Dr N Eastaugh Dr, J Mollon, Miss J Townsend.

**90.12 Apologies for absence** were received from Prof R J Fletcher, Mr D Chamberlin, Miss M Halstead, and Dr V Barbur.

**90.13 The minutes of the 248th meeting**

Accepted and signed as correct by DAP.

**90.14 Matters arising**

90.09 Organisation of Committee - JAFT produced draft job descriptions for Assistant Secretary and Assistant Treasurer. These were discussed and altered. JAFT will circulate the amended versions to VAB for comment, and draft for the next meeting.

**90.15 Finance**

While MBH is in hospital, all cheques should be passed on to VAB for retention.

The books are still with the accountants.

**90.16 Membership**

DAP announced the sad news that Mr R G Horner and Mr G E V Lambert had died during February. There will be a brief obituary placed in the newsletter.

New ordinary members approved -  
Ms W Light, New Zealand.  
Alexandra Shepherd, Australian CG.

Mr Bright has been reinstated.

The Royal Photographic Society has been approved as a participating society.

**90.17 Editorial**

PMF apologised for the errors in the February newsletter.

PMF issued Monotype with an address list. A Tarrant and participating societies were removed.

AIC have proposed that all member organisations should send their newsletters to each other. This will require a further 28 newsletters to be posted abroad. DAP to consult MBH. To be discussed at April meeting.

JDM gave PMF copies of the French CG newsletter. JDM will ask for copies to be directed to PMF.

PMF sent out leaflets on the Guildford colour course. No extra postage was required so PMF agreed a token of £10 should be paid for the service.

DAP will write summary report for the January meeting.

A reminder for subscriptions will go out in the next newsletter, together with a request for committee member nominations and an advert from G Arden.

The newsletter front page layout was discussed. It was decided that a diary of events should be the first page, highlighting the next CG meeting.

**90.18 Programme 1989/90**

7 March All in hand. DAP will arrange payment to M Morgan.

4 April Postgraduate meeting. 5 speakers arranged. PMF to get abstracts from IC students if possible. Venue - Polytechnic of Central London. JAFT to confirm booking and arrange room for committee meeting.

16 May AGM. DAP to remind Prof Taylor.

11 July Crosfield Summer Visit. MBH and VAB still to deal with.

**90.19 Programme 1990/91**

3 October 1990  
High Definition Displays  
A Roberts and Chris Dalton are likely speakers. Third speaker still to arrange. Venue City University.

7 November 1990  
K Ruddock and students  
Venue IC. DAP to ask K Ruddock to arrange lecture theatre.

5 December 1990  
Pseudocolours  
F J J Clarke will give two half hour presentations. D Van Laar proposed as second speaker. JDM to decide suitability at the Guildford Course. Venue NPL, JAFT to arrange. Security arrangements will require pre-registration.

9 January 1991

Vision meeting

JDM and DAP hope to organise by July. Venue City University.

13, 14 February 1991

50th Anniversary and Newton Medal

Main venue Institute of Physics. Venue of Newton lecture and dinner was discussed but decision left to the working party.

6 March 1991

John Gage and others at the National Gallery. Venue booking should wait until later in the year.

6 April 1991

Possible joint meeting with the Folklore Society. JAFT to speak to J Hutchings.

15 May 1991

AGM

Retiring chairmans address. Venue City University.

#### **90.20 New committee members**

R Luo, A Gunton, P Emmerson, J Saunders and M Tyrrell have agreed to be nominated for posts of ordinary committee members. JDM has agreed to the nomination of Vice-Chairman.

#### **90.21 Archives**

This matter was postponed until April, so that MBH could be consulted.

#### **90.22 AOB**

M Pointer has resigned as AIC representative. A Robertson has written to the committee for a replacement. MBH has agreed to be nominated. DAP will write to A Robertson proposing MBH.

#### **90.23 Next meeting and venue**

The next meeting will be at 11.15 am on 4 April. Venue is to be confirmed by JAFT.

**Meeting 250 4 April 1990**

Minutes of the 250th committee held on 4 April 1990 at 11.15 am, Polytechnic of Central London.

**Present:** Dr D A Palmer (chair), Dr J A F Taylor, Dr P M Forsyth, Mr R W Brocklebank, Dr J D Mollon.

**90.24 Apologies for absence**

Received from Prof R J Fletcher, Mr D Chamberlin, Miss M Halstead, Dr V Barbur, Miss J H Townsend and Dr N Eastaugh.

**90.25 The minutes of the 249th meeting**

Accepted and signed as correct by DAP.

**90.26 Matters arising**

90.17 Editorial - MBH did not feel that the group should send out 28 newsletters to other AIC organisations. DAP has asked A Robertson if it could be circulated centrally by the AIC. There would be a timing problem for news/information if it was done this way.

A compromise was reached that we circulate to other European organisations only. This would be less expensive. MBH to be consulted. Item to be discussed next meeting.

90.18 7 March 1990 - M Morgan has been paid.

90.22 AOB - DAP has written to A Robertson regarding MBH.

90.27 ANNUAL RETURN - JAFT had circulated copies of the Annual Return report prior to the meeting. Two items of information were missing. JAFT will sort these out with VAB and MBH. The report was accepted by the committee.

**90.28 Finance**

A draft copy of the accounts was circulated at the meeting. Details were accepted but comments were made regarding the layout and some spelling mistakes.

MBH has the Treasurers report in hand and will circulate to PMF. Financial situation is healthy. MBH has had a bill from City University for the first three months newsletters. (£160 per issue)

**90.29 Membership**

One new patron member  
Pilkingtons - J Alderson.

Ordinary members

F Vienot - 18 months rule when paid. VAB to write and ask for money.

DAP to write letter to Robert Weale regarding membership.

Retirement subscriptions should be considered.

**90.30 Editorial**

PMF to send out: personal reminders for subscriptions, AGM Notice, Annual Return, Treasurers report, accounts, notice of May meeting, application for July 11th.

Additional information may have to be held back if the newsletter is too heavy.

**90.31 Programme 1989/90**

4 April  
In hand

16 May  
AGM  
In hand. RI booked all day.

11 July  
Crosfield Summer Visit  
A Gunton to receive applications for visit.  
Application form to ask if transport from railway station required. Taxi service or cars will be organised.

**90.32 Programme 1990/91**

3 October 1990  
High Definition Displays  
A Roberts and Chris Dalton will be speaking. PMF said that some work was being done at Kodak on scanners for HDD's. PMF will find out. Venue at City University to be booked.

7 November 1990  
K Ruddock and students  
Venue IC. K Ruddock has booked a lecture theatre.

5 December 1990  
Pseudocolours  
JAFT will contact D Van Laar at Dept Management Science, IC, to give a technical paper.

9 January 1991  
Vision meeting  
Robert Weale will give a paper on *Colouration of the Lens*

13 & 14 February 1991

50th Anniversary and Newton Medal

K Ruddock has booked a lecture theatre at IC.

Working party to meet later.

6 March 1991

Colour and the History of Art

JDM to talk to John Gage regarding organisation.

6 April 1991

Possible joint meeting with the Folklore Society.

Possible suggested paper *Liveries of railway companies* -colleague of A Tarrant.

15 May 1991

AGM

Retiring Chairman's address. Venue City University.

Ideas for further meetings - *Colour in medicines and affects of drugs on vision*. JDM suggested that pharmaceutical companies should be approached to contribute speakers and sponsor money.

#### **90.33 Archives**

Archives are to be removed from Kodak. MBH said that some of the papers can be thrown away now that a lot of the information has been summarised in the book. However, this will leave about one filling cabinet full of papers to be stored. PMF will approach G Woodward at City University regarding space for this.

#### **90.34 A0B**

JAFT read out a letter from Bob Fletcher explaining his current domestic and work situation.

#### **90.35 Next meeting and venue**

The next meeting will be at 11.15 am on 16 May at the Royal Institution.

**Meeting 251 16 May 1990**

Minutes of the 251th committee held on 16 May 1990 at 11.15 am, Royal Institution, London.

**Present:** Dr D A Palmer (chair), Miss M B Halstead, Dr J A F Taylor, Dr P M Forsyth, Mr R W Brocklebank, Mr D Chamberlin, Dr J D Mollon.

**90.36 Apologies for absence**

Received from Prof R J Fletcher, Dr V Barbur, Miss J H Townsend and Dr N Eastaugh.

**90.37 The minutes of the 250th meeting**

Accepted and signed as correct by DAP.

**90.38 Matters arising**

90.29 DAP has written to Robert Weale.

90.33 Archives - G Woodward has agreed to house a filing cabinet for the group's archives. Kodak may have a cabinet for us. This is to be investigated.

**90.39 Finance**

DAP and MBH signed copies of the directors report and the accounts.

Jackson and Grimes have disputed membership numbers. MBH disagrees and is investigating further.

There is £1600 in the current account. MBH proposes to put about £700 in the building society. MBH will make enquiries regarding gross and higher interest accounts and take it up with Jackson and Grimes.

**90.40 Membership**

60 subscriptions reminders sent out.

As at 6 April there were 112 Ordinary members and 20 Patron members.

The new subscription rate does not seem to have affected the membership.

New ordinary members, admitted

- P Reemam, Kodak.
- P Baty, Papers and Paints.
- Dr M Abeywickrama, Thorn.
- Mr M Baines, Thorn.
- Mr D Reid, Student PCL.

**90.41 CIRCULATION OF NEWSLETTER**

M Pointer has pruned the AIC circulation list, leaving half a dozen on the list. RWB suggested

that an annual programme was sent to all AIC organisations by air mail and then subsequent mailings should go by surface. PMF to find out costings of Air/Surface mailings.

**90.42 Editorial**

PMF will send out newsletter in July, once annual programme fixed.

**90.43 Programme 1989/90**

16 May  
AGM

Prof Taylor may be later than 2.45. There will be some time between the AGM and the science meeting in which the following can be discussed: 50th Anniversary, Book, Fixed venue, Programme etc.

11 July  
Crosfield Summer Visit  
If VAB goes on the visit then she should be asked to give a vote of thanks.

**90.44 Programme 1990/91**

3 October 1990  
High Definition Displays  
R Godden, at Kodak has a paper prepared on telecine system for use with HDD. PMF to invite and confirm title. Venue booked.

7 November 1990  
K Ruddock and students  
DAP to find out title of paper and additional demo's or papers from students.

5 December 1990  
Pseudocolours  
JAFT has contacted D Van Laar regarding a paper. She is still awaiting a reply

9 January 1991  
Vision meeting  
Venue to be decided. JDM would like to invite an overseas speaker on a regular basis for the vision meeting.

13, 14 February 1991  
50th Anniversary and Newton Medal  
Newton Lecture and dinner will be at IC. MBH to book dinner.

6 March 1991 Colour and the History of Art  
JDM to talk to John Cage regarding organisation.

13 April 1991  
Joint meeting with the Folklore Society. 13 papers promised. Venue and date to be confirmed.

15 May 1991

AGM

Retiring chairmans address. Venue booked.

Future meetings : Colour in Medicines - JDM will start approaching pharmaceutical companies for a meeting 6 November 1991.

Report on AIC/CIE - October 1991

Bartleson Symposium - February 1992

Graduate Meeting - April 1992

Other ideas include : Setting Standards and Tolerances, Colours of Stars, Colours of Birds and Plumage, Colour in Archeology, Instrumentation, Textile and design and Colours of Insects.

**90.45 AIC business**

MBH has been approached regarding post of Secretary/Treasurer for AIC. If MBH is appointed, she may be able to help circulate the CG newsletter to AIC organisations.

**90.46 AOB**

There was no other business.

**90.47 Next meeting and venue**

The next meeting will be at 14.00 pm on 29 June. venue to be arranged.

**Meeting 252 29 June 1990**

Minutes of the 252nd committee held on 29 June 1990 at 14.00, City University, London.

**Present:** Dr D A Palmer (chair), Miss M B Halstead, Dr J A F Taylor, Dr P M Forsyth, Dr V A Barbur, Dr N Eastaugh, Mr A Gunton, Dr J Saunders, Mr M Tyrrell.

**90.48 Apologies for absence**

Received from Dr P Emmerson, Dr R Luo, and Dr J Mollon.

**90.49 The minutes of the 251st meeting**

Accepted and signed as correct by DAP.

**90.50 Matters arising**

90.43 PMF will give vote of thanks at Summer Visit.

90.45 JAFT will write to A Robertson regarding the AIC nominations. MBH will not be put forward for the Sec/Treas post but will stand as the British rep.

90.38 Archives - The Munsell Tree was apparently lent out and not returned to the group.

90.39 MBH agreed with VAB membership numbers and has convinced Jackson and Grimes that they are correct.

MBH has investigated gross and higher interest accounts. Jackson and Grimes say that if we shift to a gross account, we may be liable to Corporation Tax.

**90.51 AGM Minutes**

The minutes were accepted and signed by DAP.

**90.52 Finance**

MBH reported that income to date is £3223 and total expenditure £1600. MBH has transferred £800 to the Building Society. Further newsletter bills will be presented shortly.

**90.53 Membership**

VAB has written to Françoise Vienot for membership payment.

There are currently 20 non payers. Out of those the following have been lapsed:

Mrs J A Baynes, Mr D Clark, Mr R J Furley, Mr A P M Burden, Mrs B Jennings, Mr J Kempster, Dr K Mullen, Mr M Petty, Mr M Sheerin, Mr N Watkins, Mr P W Webster,

Miss S R Williams, Mr H Wilson and Mr V Dawson (Patron member FORSOC).

**90.54 Editorial**

PMF showed the committee, items he has considered for the next newsletter.

**90.55 Programme 1989/90**

11 July  
Crosfield Summer Visit  
AG said that all was in hand. 25 places booked. Transport organised.

**90.56 Programme 1990/91**

3 October 1990  
High Definition Displays  
R Godden has been invited. 3 speakers. Venue City University.

7 November 1990  
Current Research at IC  
PMF will ring Keith Ruddock for a title and further information.

5 December 1990  
False and Pseudocolours  
JAFT has arranged for Janet Wood from Link Analytical to give a talk on False colours used in X Ray systems

9 January 1991  
Vision meeting  
Venue City. Theme to be on aspects of colour of the lens on colour vision. JS to consult Ron Douglas re colour of lens in fish.

13, 14 February 1991  
50th Anniversary and Newton Medal  
Sub committee have drafted a Press Notice for participating societies to publish in their newsletter. Dinner booked at IC, probably in the Senior Common Room. Menu not fixed. JLS raised the possibility of a poster session at the meeting. Working party to decide.

6 March 1991  
Colour and the History of Art  
JDM has talked to Gage. Meeting in hand.

13 April 1991  
Joint meeting with the Folklore Society  
John Hutchings has written to MBH asking for £50 towards the hire of the hall. Sum was agreed provided that it was recovered from attendance fees. Venue arranged.

15 May 1991

AGM

Retiring chairmans address. *Shifts and Spots*.  
PMF should book City.(Price of RI too expensive.  
RI used in 1990 because of Prof Taylor's  
presentation.)

**90.57 Programme 1991/1992**

4 October 1991

AIC report back meeting

Late October 1991 - Follow up joint meeting to the  
one held in 1988 'Getting Colour Together'. VAB  
has volunteered to be rep on Working Party if  
necessary.

November 1991

JDM planning the pharmaceutical meeting  
already.

January 1992

Vision Meeting

Bartleson Award - We have not heard if the  
trustees have decided to make the award in this  
country. DAP is writing to RWGH to say that if we  
are involved then we would prefer that it was held  
after Feb 1992.

March 1992

Setting Standards and Tolerances

VAB offered to organise a meeting on this topic.

April 1992

Graduate Contributions meeting

This could include II.A. the WDW award winner  
for 1991 an a poster session. Oliver Thompson  
Theatre would give ampl room for posters.

The meetings for 1992 are lacking in fine art  
topics. Suggested that director of Courtaulds  
Institute should be invited to give a talk, following  
their move to Somerset House.

NE said that there was a EEC project on digital  
imaging of paintings. NE to investigate.

PMF said that there was some work going on at IC  
Geology department on LANDSAT images.

MBH has a contact for digital map colours.

**90.58 AOB**

PMF tabled a letter from AIC concerning the  
organisation of the 1993 conference, and  
appealing for funds to set up a Colour Museum in  
Hungary. MBH to reply.

**90.59 Next meeting and venue**

The next meeting will be at 11.00 am on 3  
October at TCU. PMF to book meeting room.

**Meeting 253 3 October 1990**

Minutes of the 253rd committee held on 3 October 1990 at 11.00, City University, London.

**Present:** Dr D A Palmer (chair), Dr J Mollon, Miss M H Halstead, Dr J A F Taylor, Dr P M Forsyth, Dr V A Barbur, Dr N Eastaugh, Mr A Gunton, Dr R Luo, Dr J Saunders, Mr M Tyrrell.

**90.60 Apologies for absence**

Received from Dr P Emmerson.

**90.61 The minutes of the 252nd meeting**

These were amended as follows:

90.53 Dr K Mullen resigned and therefore was not lapsed. The minutes were signed by DAP.

**90.62 Matters arising**

There were no matters arising.

**90.62 WDW Donation**

Originally Prof Wright had made the Colour Group a beneficiary in his will. He has decided to remove the group from his will and to donate the £500 now. It is likely that he will present it at the Golden Jubilee. The Committee discussed the usage of such a donation. Suggestions included a chairmans jewel, WDW lecture with the money providing travel expenses for the recipient, and increase the WDW student awards. No decision was reached, and it is expected that further discussions will take place at the next full committee meeting.

**90.63 Finance**

MBH has transferred the AIC account from the Gateway to the Woolich. Accounts are as follows:

Barclays -	£160
LLoyds -	£18
AIC acc -	£1222
Nationwide -	£13116

Standing orders are still going to the Lloyds account which means that the account really cannot be closed. Notices should be sent out asking those with standing orders to stop them. This can be done when membership renewal notices sent out.

**90.64 Membership**

Francoise Vienot has paid her membership.

Dorothy Morely has not been receiving anything from the group. PMF will check address is on the list.

Keith McLaren died 29 August 1990.

PMF to generate membership list for the committee members.

**90.65 Editorial**

PMF will be printing the Newsletter next week.

PMF to obtain abstracts from K Ruddock. PMF will include a short item on the use of tinted spectacles for dyslexics, inviting members for their comments.

JAFT to write meeting reports for 231 and 232 meetings. PMF and A Gunton to write report for Summer Visit.

**90.66 Programme 1990/91**

3 October 1990

High Definition Displays

Ray Godden will be replaced by Keith Halley. A Roberts will give both his and C Dalton's talk. Everything in hand. JAFT to organise meeting report.

7 November 1990

Work at IC

All in hand. VAB to write report.

5 December 1990

False and Pseudocolours

Everything in hand. JAFT to organise registration form and abstracts by November.

9 January 1991

Vision Meeting

JM and DAP wish to invite Peep Stalmeier to give a talk. Committee agreed to put £100 from central funds towards travel expenses. A further £50 should come from the symposium funds.

13/14 February 1991

50th Anniversary and Newton Medal

DAP outlined the programme. Roger Best, from ICS, will replace K McLaren. Costings point towards £70 for the 2 days with £15-20 for the Newton Dinner. Committee agreed that A5 print for the book was OK provided a suitable font was used for printing. Costings for the book are still to be made and must be agreed by the committee.

6 March 1991

Colour and the History of Art

Tim Hunter and Sarah Bayliss to talk on Colour in

COLOUR GROUP (GREAT BRITAIN)

the Medieval World and Transparencies of the 18th Century. Travel expenses for Sarah Bayliss will be paid.

JAFT to check booking at the National Gallery.

20 March 1991

NPL Spectrophotometry and Colorimetry Club. UVSG and Colour Group joint meeting at NPL, entitled The Measurement of Surface Colour. There will be an exhibition of the latest instruments.

13 April 1991

Folklore meeting

John Hutchings to announce programme.

15 May 1991

AGM and Chairmans address  
Everything in hand.

Summer Visit

Nothing planned

COMMITTEE to put forward suggestions at the next meeting!

**90.67 Programme 1991/92**

2 October 1991

AIC report meeting

Venue City University. Speakers arranged at AIC meeting!

Late October 1991

Follow up joint meeting to the one held in 1988

'Getting Colour Together

VAB volunteered to be rep on Working Party.

6 November 1991

Pharmaceutical meeting

Merck Sharpe and Dome may take on the funding for the whole day. Possible venues are the Royal Society for Medicine and the Pharmaceutical Society.

December 1991

Tinted lenses for Dyslexia ( Arnold Wilkins) or  
January 1992 - Vision Meeting combined with the Bartleson Award.

5 February 1992

Dr D Saunders talking on the EC project on the colorimetry of paintings.

4 March 1992

Setting Standards and Tolerances  
Nothing confirmed.

April 1992

Graduate Contributions meeting

Minutes of Committee meeting number **253**

13/20 May 1992

DAP to write to Dennis Farr regarding a talk on the Courtauld Institute.

Summer Visit

Nothing organised.

**90.67 AIC**

New Secretary/Treasurer is Van Trigt. Preliminary registration forms are now being circulated for 1991 meeting.

**90.68 AOB**

Previous AOB still outstanding.

**90.69 Next meeting and venue**

There will be a short meeting prior to the science lectures on 7 November 1990 at 1.15 pm in the Lecture Theatre at IC.

**Meeting 254 Wednesday 7 November 1990**

Minutes of the 254th committee held on 7 November 1990 at 13.15, Imperial College, London.

**Present:** Dr D A Palmer (chair), Miss M B Halstead, Dr J A F Taylor, Dr P M Forsyth, Dr V A Barbur, Mr M Tyrrell.

**90.70 Apologies for absence**

Received from Dr N Eastaugh, Mr A Gunton and Dr J Mollon.

**90.71 The minutes of the 253rd meeting**

Accepted and signed as correct by DAP.

**90.71 Matters arising**

90.64 Dorothy Morely is still on the membership address list and has said that she is now receiving mail.

90.67 PMF has booked the Oliver Thomson Lecture Theatre at TCU for 1 April 1992 meeting

90.65 Arnold Wilkins has written an article for the newsletter on tinted spectacles for dyslexics.

**90.72 Finance**

General matters

AIC have been paid  
MBH reminded the committee to send in all their expenses by the next meeting.

50th Anniversary

Book is proceeding. N Eastaugh has printed some of the book on a laser printer with a different font. There will be 9 photographs Guild, Wright, Holmes, Murray, Chamberlin, Hunt Halstead and Palmer. Nick will produce all the A4 format ready for Crosfields to reduce to A5. Cover will have colour logo. Crosfields marketing department will cover cost of binding, photocopying and printing covers. Colour Group will need to pay for photographs. This will cost about £300. There will be 500 covers and 400 books printed.

**90.73 AOB**

The following members were admitted

Mrs M Hetherington AFRC  
Miss J Aaron AFRC  
Dr A Hurlbert Oxford University

The following members have been lapsed

Mr Cooper  
Mr A Knowles  
Mr T Wiltshire

JAFT to ask J Moore about his membership payment. ISDC have got a copy of Mac's obituary.

**90.74 Next meeting and venue**

The next meeting will be at 11.15 am on 5 December at the National Physical Laboratory, Building 95 Lecture Theatre, level 1. Please let me know if you will be able to attend (for security purposes).

**Meeting 255 Wednesday 5 December 1990**

Minutes of the 255th committee held on 5 December 1990 at 11.15, National Physical Laboratory.

**Present:** Dr D A Palmer (chair), Dr J Mollon, Dr J A F Taylor, Dr P M Forsyth, Dr J Saunders.

**90.75 Apologies for absence**

Received from Miss M B Halstead, Dr V A Barbur and Dr N Eastaugh.

**90.76 The minutes of the 254th meeting**

Amended as follows:

- 90.73 Dr A Hurlbert - Oxford University
- 90.73 Mac's obituary.

The minutes were accepted and signed as correct by DAP.

**90.77 Matters arising**

90.73 JAFT has reminded John Moore to pay his subscriptions for two years.

90.72 Book is proceeding. Fees will be waived for speakers.

**90.78 Finance**

Committee members are reminded to send expenses to MBH before the end of the year.

**90.79 Membership**

New ordinary members

- Mr A Trend - Southampton University
  - Mr Christyn Williams - City University
  - Ms Linda Reynolds - Royal College Art
- 18 month rule will hold.

**90.80 Editorial**

PMF has sent out notices to those members with standing orders.

The question of organising Direct Debits for members was raised. This will be discussed with MBH.

PMF discussed the contents of the next newsletter.

**90.81 Programme 1990/91**

5 December 1990

False and Pseudocolours

All in hand. 25 members applied. JS to write up meeting report. Tea will be served.

9 January 1991

Vision meeting

Venue City. DAP booked Lunch.

13, 14 February 1991

0th Anniversary and Newton Medal

Book proceeding. Final arrangements to be made by MBH and DAP soon.

6 March 1991

Colour and the History of Art

Meeting in hand. National Gallery booked. JAFT to book for committee meeting. Require a contact to ensure Theatre open in advance of meeting.

13 April 1991

Joint meeting with the Folklore Society

In hand.

15 May 1991

AGM

Retiring chairmans address. 'Shifts and Spots'. City booked.

Summer Meeting

Dyslexics and coloured lenses

Possible joint meeting with AVA. JM suggested have a venue where barbecue or picnic could be held. PMF to consult D Thomson. JM to ask Dartnall about facilities.

**90.82 Programme 1991/1992**

2 October 1991

AIC report back meeting. JAFT to contact members going to the AIC/CIE meeting.

Late October 1991

Follow up joint meeting to the one held in 1988 *Getting Colour Together*. VAB has information.

6 November 1991

JAFT to look up possible topics. JM will write to colour printer manufacturers. JAFT to contact A Gunton at Crosfields and PMF to ask VAB to contact Kodak regarding a meeting on colour printers and copiers.

4 December 1991

Pharmaceutical meeting

JM has \$500 from Merck Sharpe and Dome. He will offer part of this to Zrenner as traveling expenses.

January 1992

Vision /Bartleson Meeting

Bartleson recipient to be chosen by January 1991. DAP and JM to talk to Bob Hunt.

5 February 1992

David Saunders on EC project  
DAP to arrange with David Saunders and MBH.

March 1992

Setting Standards and Tolerances  
ACTION VAB

April 1992

Graduate Contributions meeting.

May 1992

DAP to contact NE regarding a possible  
Courtaulds visit. This visit could be arranged for a  
Summer meeting if more appropriate.

It was suggested that Colour Forecasting should  
be the topic for a future meeting.

#### **90.83 WDW Awards**

JAFT has sent out letters to various universities  
regarding the WDW Awards 1991.

#### **90.84 AOB**

JAFT received a letter from On-edit, an Italian  
publisher, asking for material suitable for free  
publication. JAFT will write back turning down  
their kind offer!

*Displays* journal has been taken over.

DAP has received a letter from Alan Tye Design  
Ltd asking for information on the purpose of  
colour. DAP will consult Audrey Mitchell.

#### **90.85 Next meeting and venue**

The next meeting will be 9 January, during lunch,  
at City University.

**Meeting 256 Wednesday 9 January 1991**

Minutes of the 256th committee held on 9 January 1991 at 13.45, City University.

**Present:** Dr D A Palmer (chair), Dr J Mollon, Dr J A F Taylor, Dr P M Forsyth, Dr J Saunders, Dr P Emmerson, Mr A Gunton.

**91.01 Apologies for absence**

Received from Miss M B Halstead, Dr V A Barbur; Dr N Eastaugh, Dr R Luo, and Mr M Tyrrell.

**91.02 The minutes of the 255th meeting**

Signed as correct.

**91.03 Matters arising**

There were no matters arising.

**91.04 Finance**

There was nothing to report.

**91.05 Membership**

Members subscriptions are coming in.

**91.06 Editorial**

PMF discussed the articles for the next newsletter. JAFT asked the Committee how much the Group should charge an outside organisation to advertise in the Newsletter. £100 was suggested.

**91.07 Programme 1990/91**

13, 14 February 1991  
50th Anniversary and Newton Medal  
Working party will meet next week to finalize arrangements. A new leaflet will go out in the next newsletter.

March 1991  
Colour and the History of Art  
Meeting in hand. JAFT to book for committee meeting as she still has been unable to contact David Saunders.

13 April 1991  
Joint meeting with the Folklore Society. In hand.

15 May 1991  
AGM  
Retiring chairmans address. 'Shifts and Spots'. In hand.

10 July 1991  
Summer Meeting  
Dyslexics and coloured lenses  
Joint meeting with AVA. JM to ask Dartnall.

**91.08 Programme 1991/1992**

2 October 1991  
AIC report back meeting. JAFT still to contact members going to the AIC/CIE meeting.

Late October 1991  
Follow up joint meeting to the one held in 1988 *Getting Colour Together*. VAB has information.

6 November 1991  
Colour appearance and displays. Joint meeting with NPL club and Crosfields project

4 December 1991  
Pharmaceutical meeting - JM offered some traveling expenses to Zrenner but has had no reply.

January 1992  
Vision /Bartleson Meeting  
Bob Hunt has had £500 donation and would like the event to be in the RI.

5 February 1992  
David Saunders on EC project. DAP still to arrange with David Saunders

March 1992  
Setting Standards and Tolerances  
ACTION VAB

April 1992  
Graduate Contributions meeting  
PE to organise

May 1992  
DAP has written to NE.

**91.09 Committee Officers**

MBH will be retiring as Treasurer. VAB has said that she is happy to take over.

DAP announced that he will find it difficult to stand as Vice Chairman next year and suggest that we find make arrangements. Discussions will continue next meeting.

**91.10 WDW Awards**

JAFT has sent out four application forms.

**91.11 AOB**

There was nothing to raise.

**91.12 Next meeting and venue**

The next meeting will be 11.15 am, 6 March at the National Gallery.

**Meeting 257 Wednesday 6 March 1991**

Minutes of the 257th committee held on 6 March 1991 at 11.15, National Gallery, London.

**Present:** Dr D A Palmer (chair), Dr J D Mollon, Miss M B Halstead, Dr J A F Taylor, Dr P M Forsyth, Dr V A Barbur, Dr N J Eastaugh.

**91.13 Apologies for absence**

Received from Dr R Luo, Mr M Tyrrell.

**91.14 The minutes of the 256th meeting**

Accepted and signed as correct by DAP.

**91.15 Matters arising**

There were no matters arising.

**91.16 Finance**

MBH presented a draft of the accounts which were formally approved by the committee.

There is £13916 in the building society and £3500 in the current account. The latter includes money for the 50th Anniversary meeting.

Actual costs for the 50th Anniversary are not clear and MBH will report back when she gets all the bills in. The committee agreed to pay £50 back to Prof Rees-Jones as he did not manage to get to the meeting. A Gunton will be offered £25 refund for the Newton Dinner.

Colour Book - JAFT will provide labels to go in the front cover of the book, acknowledging the editors. All patron members will be sent a copy. The major contributors will have extra copies free (NJE, ARG, MBH, Bill Sproson, JGH). Copies will be sent to the French and Australian Colour Groups, AIC, ISCC, CIE. Review copies should be sent to Nature, Color Research and Application etc. The committee decided that a notice should go out in the next newsletter advertising the book at £7.50 + 50p pp.

The January symposium made a small loss of £42.

WDW has presented his cheque for £500. The committee discussed at length how this should be used. It was decided that a WDW lecture should be set up. Committee members are urged to think about this matter carefully before the next committee meeting.

**91.17 Membership**

There are currently 125 Ordinary and 13 Patron

paid up members.

2 new ordinary members were admitted  
Ms J Mellersh - artist  
Mr L MacDonald - Crosfield

JDM raised the issue regarding advertising the group in appropriate journals. Use of posters on notice boards was also suggested. JAFT will experiment with the colour logo from the book.

**91.18 Editorial**

JAFT to type up first half of Jan Meeting.

Notice of Edwin Land's death to go in this newsletter and the obituary to follow later.

AIC application form to go in newsletter.

**91.19 50TH Anniversary**

The committee have been sent letters of congratulations from WDW, JG Holmes and Roger Best

DAP thanked everyone for their work. The Institute of Physics have offered the group special rates for using their facilities in the future.

**91.20 Programme 90/91**

6 March 1991  
Sarah Bayliss has withdrawn. Everything in hand.

13 April 1991  
Everything in hand.

15 May 1991  
DAP asked for a colour slide film on expenses. DAP to provide an abstract.

10 July 1991  
Coloured lenses joint meeting with AVA. Venue not secured yet.

**91.21 Programme 91/92**

2 October 1991  
Report meeting for the AIC, CIE and IRG. JAFT to contact Jack Moreland and Jennifer Birch.

23 October 1991  
Colour in Society joint meeting at the RSA  
Costs will be £50.75 for members.

6 November 1991  
Colour Appearance and Displays joint meeting with Crosfield and the NPL club  
Venue City University. One day meeting.

4 December 1991

Pharmaceutical meeting

Zrenner has agreed to speak. JDM still trying to get further support and more speakers.

8 January 1992

Bartleson Symposium

Recipient Dr A Hulbert. Venue RI with evening meal at IC.

5 February 1992

David Saunders EC project

Venue National Gallery. JAFT to book

4 March 1992

Setting Standards and Tolerances

VAB has spoken to Paul Reeman and Mike Quinton regarding NAMAS accreditation.

1 April 1992

Graduates Contributions and poster session

Mark Tyrrell to organise. Venue City.

13 May 1992

AGM

Dennis Farr has not replied to NJE. NJE to follow up. MBH suggested that the enameller in St Johns Street would be interesting. Venue to be decided.

### **91.22 Committee officers**

VAB and MBH are happy to swap duties. This will enable VAB to consult MBH where necessary. MBH is willing to do this for a year. Ordinary members to retire are Dr N Eastaugh, Dr P Emmerson and Dr R Luo.

Suggestions are G Hubert, Joyce Davis, John Gage, Joyce Townsend and M Abewickrama. JAFT to contact them.

### **91.23 WDW Awards**

There are 4 applications:

Roma Nath - Leeds Univesity

A Moreland - IC

G Jordan - Cambridge University

C Savage - IC

The merit of the applicants will be discussed by JAFT, DAP and MBH.

### **91.24 AOB**

There was nothing to raise.

### **91.25 Next meeting**

The next meeting will be on 3 April 1991 at 14.00 at Dame Alice Owen Building, City University.

**Meeting 258 Wednesday 3 April 1991**

Minutes of the 258th committee held on 3 April 1991 at 14.00, City University.

**Present:** Dr D A Palmer (chair), Dr J D Mollon, Dr J A F Taylor, Miss M B Halstead, Dr P M Forsyth, Dr J Saunders, Mr M Tyrrell.

**91.26 Apologies for absence**

Received from Dr V A Barbur and Mr A Gunton

**91.27 The minutes of the 257th meeting**

Signed as correct.

**91.28 Matters arising**

91.18 50th Anniversary - DAP is to check the TOP bill. At present the Income for the anniversary was £1480 and the expenses were £1337.62, providing a surplus of £142.38. For the Newton Dinner expenses were £739.46 with an income of £830, providing a surplus of £90.54. After refunds to Rees-Jones, Gunton and Hutchings the total surplus was £107.92. This will not cover the cost of the book, so some reserves will be used to pay the Crosfield bill.

Annual Return - JAFT circulated a draft of the return for committee members to check. This will be completed and circulated in the next newsletter.

**91.29 Finance**

MBH reported that there was £952 in the current account. Although there will be some more subscription cheques to come in, this money will not cover all the expenses for this year. Some reserves may have to be used.

The March meeting at NPL was a great success and will provide a surplus in the region of £1000 for the group.

The audited accounts are not through from the accountant yet. PMF will circulate the unaudited set with the newsletter.

**91.30 Membership**

There were two new ordinary members admitted:

Ms Carole Ferry - L'Images

Mr Roger Best - ICS.

One member has resigned : Dr A Hudson, University of Sussex. Mr David McConnell has died. This will be announced in the Newsletter.

F Fitzki has asked if he has paid this years

subscription. MBH will check and let DAP know.

Membership forms should be made available at the Surrey Easter school each year.

JDM will contact the Colour Association of Bridgeport, who sell colour atlases on behalf of Dulux and ICI. He will send a copy of the Annual Report and try to encourage them to become a patron member.

**91.31 Editorial**

PMF will circulate the Annual Return, the notice of the AGM, the Treasurer's report and the accounts in the next newsletter. A registration form for the Summer visit should also be circulated. A large number of meeting reports will go in the July mailing.

A membership list should go out in September.

**91.32 WDW Gift**

After much discussion the committee decided to follow up a suggestion from JDM, to publish the early papers of WDW and his students. DAP will talk with WDW about this matter before we investigate costs.

**91.33 Programme 90/91**

13 April 1991

Joint meeting with the Folklore Society  
In hand. PMF to organise meeting report

15 May 1991

AGM

Retiring chairmans address. 'Shifts and Spots'. In hand. Abstract provided.

10 July 1991

Summer Meeting

Dyslexics and coloured lenses -Joint meeting with AVA. JDM has organised the Apothecaries Hall at the Spectacle Makers. Spectacle Makers will sponsor meeting. Registration fee agreed by the committee should be in the region of £12 members, £9 students, £20 non-members. 4 speakers already arranged.

**91.34 PROGRAMME 1991/1992**

2 October 1991

AIC, CIE, IRG report back meeting  
AFT has written to Jenny Birch and Jack Moreland.

23 October 1991

Colour in Society  
In hand.

November 1991

Colour appearance and displays  
Joint meeting with NPL club and Crosfields project. JAFT will be holding an organising meeting during May. It was suggested that an exhibition of equipment be arranged. PMF will investigate the view of the university on a profit making exhibition.

4 December 1991

Pharmaceutical meeting  
No further developments

8 January 1992

Vision /Bartleson Meeting  
Deposit made on the RI. JDM and DAP to find speakers for the afternoon on Colour Constancy. Bob Hunt will open the day. JDM to book IC for dinner. MBH warned that there is a minimum number of 40 for dinners at IC. MBH will provide contact name.

5 February 1992

David Saunders on EEC project.

4 March 1992

Setting Standards and Tolerances  
No further developments.

1 April 1992

Graduate Contributions meeting  
MT to contact speakers and poster presenters.

13 May 1992

AGM  
Still no reply from Dennis Farr.

### **91.35 Committee officers**

JAFT has had no takers for ordinary committee members. The following names were suggested: Mike Quinton, John Holmes, Ian Moorhead, Jack Moreland, P Haskings, Roger Best, John Moore and Audrey Mitchell. JAFT will pursue.

### **91.36 WDW Awards**

There will be 4 awards: £50 to R Nath, £100 to C J Savage, £100 to A Morland and £100 to G Jordan. All recipients have been informed. JAFT to send out cheques. WDW will present the awards at the AGM.

In future only one student will be awarded per 'group' and the application form will be changed so that merit of the applicants can be assessed.

### **91.37 AOB**

PMF has bought a filing cabinet for the archives. There will be 4 keys: 1 for the Treasurer, 1 for the Secretary, 1 for PMF and 1 for the Optometry department. MBH and J G Holmes are to begin pruning the archives.

PMF has written to Zrenner apologizing for the error in membership costs.

PMF has written a short obituary for Edwin Land.

### **91.38 Next meeting and venue**

The next meeting will be 11.15 am, 15 May at the City University.

**Meeting 259 Wednesday 15 May 1991**

Minutes of the 259th committee held on 15 May 1991 at 11.15, City University.

**Present:** Dr D A Palmer (chair), Dr .J D Mollon, Dr J A F Taylor, Miss M B Halstead, Dr N J Eastaugh, Dr P Emmerson, Dr J Saunders, Mr M Tyrrell.

**91.39 Apologies for absence**

Received from Dr V A Barbur, Mr A Gunton and Dr R Luo.

**91.40 The minutes of the 258th meeting**

Signed as correct.

**91.41 Matters arising**

91.18 50th Anniversary - DAP has asked about the 10P bill but has had no response. A Gunton has not replied about the printing costs.

91.37 Archives are now pruned and MBH will be putting the remainder in the filing cabinet at City.

**91.42 Finance**

The audited accounts were signed. The signed copies should, in future be circulated in the newsletter before the AGM. The committee agreed that the bank and building society accounts should be continued. Finances currently stand at £980.51 Barclays Bank and £14415.68 in Nationwide. The AIC account has £1169.11.

**91.43 Membership**

Brian Crawford died on 5 May. DAP sent a wreath from the Colour Group. As a mark of respect DAP will organise a few minutes silence at the beginning of the AGM.

VAB has sent three cheques for new members, without names. These will be admitted before the next meeting

There are still some late subscriptions to come. Lapsing will take place next meeting. JDM has contacted Bridgeport Colour Association.

**91.44 Editorial**

DAP will write an obituary for Brian Crawford. The committee agreed that the meetings card should be revived, this year if possible.

**91.45 WDW Gift**

Once again this matter was deferred until the next

meeting. WDW does not wish the money to be spent on publishing his papers, nor on a further award or lectureship. WDW suggested that it should be used for entertainment (Committee) or on xerox or publishing equipment. After some discussion members of the Committee came up with two suggestions: 1) Using the money to take WDW award winners and the Committee out for lunch/dinner 2) Purchasing a good ink jet printer to provide better facilities for PMF/Newsletter. PMF to consider the 2nd suggestion.

**91.46 Programme 90/91**

15 May 1991

AGM

Retiring chairmans address. *Shifts and Spots*.

New ordinary committee officers will be co-opted on. J G Holmes has agreed and JDM will approach Roma Nath. JAFT will contact John Hutchings.

10 July 1991

Summer Meeting

Dyslexics and coloured lenses

Domestically all in hand. & papers possible for the day. Prices as previously agreed.

**91.47 Programme 1991/1992**

2 October 1991

AIC, CIE, IRG report back meeting

AFT to contact R Luo, J Moore / and T Goodman. MBH will co-ordinate.

23 October 1991

Colour in Society

In hand.

6 November 1991

Colour appearance and displays

Joint meeting with NPL club and Crosfields

project. JAFT will be holding an organising meeting but there has been a reorganisation at Crosfields and she is waiting for the new contact name before this can be arranged.

4 December 1991

Pharmaceutical meeting

JDM has arranged a further speaker : Reffin from Brighton Eye Hospital. Default venue is City.

8 January 1992

Vision /Bartleson Meeting

JDM and DAP to organise before the next meeting.

5 February 1992

David Saunders on EEC project  
DAP to keep in touch and get a title from David. In addition find out if further papers are required.

March 1992

Setting Standards and Tolerances  
No further developments. If possible this meeting should be postponed and replaced by J Jacobs on Colour Vision in Animals,

1 April 1992

Graduate Contributions meeting  
MT has already started to contact speakers.

13 May 1992

AGM  
NE has heard from Dennis Farr who is in agreement with the idea to talk. The committee decided to make this the summer visit. MBH suggested that the enamellers in St John Street would be suitable for the AGM or perhaps J Jacobs. To be discussed next meeting.

Summer Visit

Courtaulds  
Date to be arranged by NJE.

#### **91.48 Annual return**

JAFT will be delayed in making the Annual Return since all committee officers are not recruited.  
JAFT to contact Martin Grimes.

#### **91.49 AOB**

The was nothing raised.

#### **91.50 Next meeting and venue**

The next meeting will be 15.30 pm, 3 July at the City University.

**Meeting 260 Wednesday 3 July 1991**

Minutes of the 260th committee held on 3 July 1991 at 15.30, City University.

**Present:** Dr J D Mollon(chair), Dr D A Palmer, Dr J A F Taylor, Dr V A Barbur, Dr P M Forsyth ,Dr J Hutchings, Mr J G Holmes, Miss R Nath, Dr J Saunders.

**91.51 Apologies for absence**

Received from Miss M B Halstead and Mr A Gunton.

**91.52 The minutes of the 259th meeting**

Signed as correct.

**91.53 Matters arising**

91.18 50th Anniversary - DAP has received a refund of £65 from the Institute of Physics. Andrew Gunton has found out that Crosfield has paid the printing of the book already and does not require any funds from the group. JAFT has thanked Crosfields for this helpful mistake!

**91.54 Finance**

MBH has handed all the books over to VAB. VAB will be using the Lloyds account and run down the Barclays. The Barclays account stands at £955.31 and Lloyds at £240.50.

**91.55 Membership**

VAB has handed over the records to MBH. Lapsing of members will be carried out in the Autumn. The lapsing list is quite large and contains 4 or 5 patron members.

Three new members to admit

Dr J Bowmaker - Institute of Ophthalmology,  
Prof J Mellerio - Poly of Central London  
Miss A Mason - Oxford

PMF, JDM and DAP to draft an advert which will be placed in the Displays journal to try to recruit new members. Committee members were urged to recruit as many people as possible.

**91.56 Editorial**

PMF will circulate newsletter in August after MBH has come back from the CE meeting. This will mean that members due for lapsing will not receive a newsletter this time round.

PMF will be putting mainly meeting reports into this circulation.

The introduction of a meeting card was discussed. The committee agreed that the idea was good. JGH will ask his granddaughter if she is willing to do the art work for the card. 'The card should be a convenient size but should retain its dignity.

**91.57 WDW Gift**

Walter Granville has written to MBH offering a donation to supply tea at the groups meetings. MBH has provided an approximate figure of £2500+ to Granville which could be invested for this purpose. JDM and VAB will write a letter offering several costings and alternatives including having tea at all meetings or one 'Granville' tea.

The Committee decided that the WDW gift should be kept separate to this scheme. PMF was against having a printer. The Committee agreed that the money should be separately invested and used to take the Committee and WDW award winners out for lunch before the award presentation. The lunch could then include WDW. JDM will write to WDW.

**91.58 Programme 90/91**

10 July 1991  
Summer Meeting  
Dyslexics and coloured lenses - All abstracts except one have been received. Numbers are 70+. It has been well advertised.

**91.59 Programme 1991/1992**

2 October 1991  
AIC, CIE, IRG report back meeting  
MBH is co-ordinating the following people : J Verrill, J Moore, T Goodman, Ronnie Luo, and herself to speak. Jack Moreland and Jenny Birch will also speak. JAFT to organise programme and circulate information to CIBSE members. PMF to organise tea for 30 people.

23 October 1991  
Colour in Society  
VAB to find out more.

6 November 1991  
Colour appearance and displays  
Joint meeting with NPL club and Crosfields project. JAFT has invited R Hunt to give opening talk. There will be 5-7 other papers. The lecture theatre at City has not been confirmed. An exhibition could go a head provided that it is not too large. JDM will Invite half a dozen companies.

4 December 1991

Pharmaceutical meeting

JDM has arranged two speakers. A third is required. Venue to be TCU. PMF to book.

8 January 1992

Vision /Bartleson Meeting

JDM and DAP to organise.

5 February 1992

David Saunders on EEC project

JAFT to find out about this meeting.

1 April 1992

Graduate Contributions meeting

In hand.

13 May 1992

AGM

JDM to arrange J Jacobs meeting in conjunction with the PBS.

24 June 1992

Summer Visit

Courtaulds visit. Dennis Farr will give a talk followed by a tour. NJE has given provisional numbers as 30. Cost will be £1.50 per person.

#### **91.60 AOB**

There was nothing raised.

#### **91.61 Next meeting and venue**

The next meeting will be 11.00 am, 2 October at the Dame Alice Owen Building, City University.

**Meeting 261 Wednesday 2 October 1991**

Minutes of the 261st committee held on 2 October 1991 at 11.00, City University.

**Present:** Dr J D Mollon(chair), Dr D A Palmer, Dr J A F Taylor, Dr V A Barbur, Dr P M Forsyth, Dr J Hutchings, Mr J G Holmes, Miss R Nath.

**91.62 There Were no apologies for absence.**

**91.63 The minutes of the 260th meeting**

Signed as correct.

**91.64 Matters arising**

91.57 Walter Granville Tea - JDM reported that Walter Granville has donated £6000 for teas at Colour Group meetings. He has waived the requirement that the gift should be anonymous, and has asked that MBH pour the first cup, and that WDW should drink it. The gift was largely in response to the Anniversary volume 'The Advancement of Colour'.

WDW is happy for the committee to use his gift to take the WDW award winners to lunch on the occasion of their awards.

**91.65 Finance**

VAB reported that we currently have:

- £14415 - Nationwide
- £ 1169 - Woolwich
- £ 7386 - Lloyds (including £6000 gift) £ 446 - Barclays

The Nationwide interest is dropping fast, and Barclays now intend to charge a commission. VAB proposed to close the Barclays account and the committee endorsed this move. The Nationwide have recommended VAB to switch to a 'Asset Reserve Account' which carries a higher rate of interest. The Granville gift and the rest of the Nationwide account will be transferred to the ARA as a temporary measure. In the longer term the committee agreed that the Granville money should be in a separate account. MBH and PMF will look into other investment options.

JDM raised the question of whether the group should consider changing to a charity. MBH said that this had been examined recently and the auditors had advised that there were considerable legal difficulties and expenses. This will be considered at a future meeting.

**91.66 Membership**

There were 4 new ordinary members admitted at this meeting:

- Jim Bowmaker
- Dr David Travis - BT Human Factors Department
- G Freeman - Consultant - retired
- Aigy Kazlauciusas - University of Leeds

**91.67 Editorial**

PMF will include an obituary for Mr Harry, and a report on the Summer meeting in this months newsletter. JAFT will provide details of the November meeting.

**91.68 Programme 1991/1992**

The issue of a meeting card was discussed. JAFT will organise one for issue in January, followed by one for June/July.

2 October 1991

AIC, CIE, IRG report back meeting  
Everything in hand. Jack Moreland will be replaced by Tony Morland of IC. Tea has been booked.

23 October 1991

Colour in Society

This meeting has been postponed. Likely date in Autumn 1992.6

6 November 1991

Colour appearance and displays  
There will not be an exhibition. The committee discussed possible lunch arrangements for this day meeting. JDM liked to give members the option of coming to the meeting without having to attend lunch. The committee agreed that the meeting should be without registration (free). Those who wished to book the buffet lunch would pay £12. The costs of the speakers lunches, tea and coffee would be split between the Club and the Colour Group.  
JDM will not be able to attend, so DAP will chair the meeting for the afternoon session.

4 December 1991

Pharmaceutical meeting  
Ted Scorer, Glaxo, will be the second speaker.(Zrenner the first). JDM is currently negotiating with Brian Jones as the third.

8 January 1992

Vision /Bartleson Meeting  
JDM and DAP circulated a draft programme for

the committee to see. Morning speakers will be R Hunt and Dr A Hurlbert. Afternoon speakers are Dr Whittle, Miss A Shepherd, Prof D Foster, Mr M Baines and Prof J Barbur. The committee discussed the dinner arrangements. The Bartleson Trustees will cover the costs of the main guests. The committee agreed that a location close to the RI was essential but the cost should be kept to approx £25. JDM and DAP will look into this matter further. The new members of the committee did not know the terms of reference of the Bartleson trustees and asked if this could be written down at some time.

5 February 1992

David Saunders on EEC project

David has agreed a title and booked the lecture theatre at the National Gallery. He is currently considering possible second speakers for the afternoon. JAFT to follow up.

4 March 1992

Setting Standards and Tolerances

VAB has organised two speakers and JAFT is to try to get a third.

1 April 1992

Graduate Contributions meeting

In hand.

13 May 1992

AGM

J Jacobs has agreed to speak. PBS has formally asked to expand the meeting, proposing speakers. PBS wants to put £400 towards the costs. JDM will negotiate.

24 June 1992

Summer Visit

Courtauld's Institute visit. NE to organise.

### **91.69 AIC Meeting**

A Robertson has approached the Colour Group to sponsor the 1994 interim AIC meeting. The subject choice is open. 1994 will be the next Bartleson award, so the meetings could be joined together. In addition UMIST are organising a meeting celebrating Dalton (anniversary of his death). This will be a 7 day International meeting in Sept. It could be possible to have the AIC meeting joined to this 7 day meeting. MBH will outline the facts to Alan Robertson and see his reaction. Matter will be discussed at the next meeting.

### **91.70 AOB**

MBH gave JAFT some information on a formation

of a Colour Institute in Hungary which will be circulated to the committee and discussed at the next meeting.

### **91.71 Next meeting**

The next committee meeting will be on 14 November at 2.00pm at the Dame Alice Owen Building, TCU, 311 Goswell Road, London.

**Meeting 262 Wednesday 14 November 1991**

Minutes of the 262nd committee held on 14 November 1991 at 14.00, City University.

**Present:** Dr J D Mollon(chair), Dr D A Palmer, Dr J A F Taylor, Dr V A Barbur, Miss M B Halstead, Dr P M Forsyth, Dr J Hutchings, Mr J G Holmes, Miss R Nath.

**91.72 There were no apologies for absence.**

**91.73 The minutes of the 261st meeting**

These required one alteration: Section 91.66 should be Algy instead of Aigy. The minutes were then signed as correct.

**91.74 MATTERS ARISING**

There were no matters arising.

**91.75 Finance**

VAB reported that we currently have:

- £21330 - in new Asset Reserve at Nationwide
- £ 1169 - Woolwich
- £ 1144 - Lloyds
- £ 439 - Barclays

VAB reported that the National Westminster have a Crown Reserve account. £250 can be withdrawn from the account, without penalty. Interest is paid gross. MBH said that the TSB has a banded Interest Account from which withdrawals could be made for any sum, on demand. PMF has yet to enquire from the Bank of Scotland. JAFT will find out about the tax position of the group from the accountants.

VAB asked committee members to pass her all outstanding bills or claims by 20th December.

**91.76 Membership**

The committee agree to lase the following ordinary members:

P A Barton Gade, K Bazargan, R G Bright, M J M Campbell, P Caro, L C Chivers, J C Fish, D Fuller, Furley, R S G Henderson, A Hudson, Hurden, Jennings, M A Knight, J Kulokowski, K Paxton, A Price, J Spode, D Stacey, L Stead, J Warden, D Winter and H Yorke.

The six unpaid patron members will not be lapsed until the new year, in case they pay next year.

There were three new ordinary members admitted:

- Mr G Ward - EGC

Miss Alison Gilchrist - Leeds University  
Miss Claire Hornet- Leeds University

A number of the groups Honorary Members have died over the last few years. The committee will decide names of people who should be made honorary members at the next meeting. Some suggested names were: Walter Granville, R Brocklebank, Bob Hunt, Bill Sproson.

JDM suggested that a form should be sent out to members for them to use when proposing new members. This could be circulated twice yearly.

**91.77 Editorial**

PMF will include an obituary for Gordon Chamberlin, a review on David Travis's displays book, and AIC information.

**91.78 Programme 1991/1992**

Expected close of all meetings should be announced in the newsletter.

4 December 1991

Pharmaceutical meeting  
Ted Scorer, Glaxo, C Craig, Capsugel, and Zrenner. The committee agreed that the meeting should have a charge for non-members (£10). JAFT will circulate notices to NPL Spectrophotometry and Colorimetry Club members. JDM will circulate to pharmaceutical companies.

8 January 1992

Vision /Bartleson Meeting  
Programme remains as before. Announcement to be made in next newsletter. Registration £10, £15 and £25. PMF to arrange engraving of the medal. He will contact Bob Hunt. JDM to write citation. MBH will arrange flowers. DAP organising RI caters. IC will be too expensive for dinner. JDM has had contact with Browns Hotel who are willing to put together a menu for £25. JDM will follow up negotiations.

5 February 1992

David Saunders on EEC project  
David has been unable to suggest another speaker for the afternoon. Committee members suggested J Townsend, R OsboXrne, Linda Reynolds. JAFT to pursue.

4 March 1992

Setting Standards and Tolerances  
2 speakers already set for this meeting. JAFT is in contact with NAMAS and BSI to arrange 2 other speakers. JAFT to pursue.

1 April 1992

Graduate Contributions meeting  
MT has been in contact with RN. She has a group of people interested in giving papers at this meeting. MT is following up some other leads!

13 May 1992

AGM  
JDM outlined the possible programme for the afternoon. 130 AGM followed by Mantel, Marshall, Tea, Jacobs, Partridge.  
Possible venue could be HistoryMuseum. DAP to find out. Or Royal Geographical ciety. PMF to find out.

24 June 1992

Summer Visit  
Courtaulds Institute visit  
JAFT to check with NE regarding visit.

### **91.79 New programme 92/93**

October 92, Displays, talks from Philips, Hitachi, 3M's, Sharp are possible.

December 92, Colour in Archaeology, Institute of Archaeology, one day meeting. Lie

April 93, Meeting at Leeds University and visit to Colour Museum Bradford. RN to organise

January 93, Vision Meeting, Colour Deficiency - colour vision testing.

February 93, Newton Meeting, possible recipients suggested were Ruddock, Foster, Bowmaker, Walraven, Estevez, Vos

Colour in Society, date unknown but usually an extra to the programme

July 93, Possible joint meeting with the RPS.  
JAFT to contact MT, the RPS organiser.

### **91.80 AIC**

1. Alan Robertson spoke to JAFT regarding the 1994 AIC meeting. He felt that the AIC meeting should be joined with another meeting but would prefer that it was the Bartleson. He did not want the meeting to be held in September. The programme will need to be built around the awardee. JDM will contact Bob Hunt so that a recipient can be chosen soon.

2. Hungarian colour foundation matter circulated to committee was discussed. It was felt that the group should not provide encouragement except in the form of our best wishes. MBH to write.

### **91.81 AOB**

The was no other business.

### **91.82 Next meeting**

The next committee meeting will be on 4 December at 11.00am at the Dame Alice Owen Building, TCU, 311 Goswell Road, London.

**Meeting 263 Wednesday 4 December 1991**

Minutes of the 263rd committee held on 4 December 1991 at 11.00, City University.

**Present:** Dr J D Mollon(chair), Dr D A Palmer, Dr J A F Taylor, Dr V A Barbur, Miss M B Halstead, Dr P M Forsyth, Dr J Hutchings, Miss R Nath

**91.83 Apologies for absence**

Received from JGH and MT.

**91.84 The minutes of the 262nd meeting**

Amended as follows:

91.75 £250 can be withdrawn from the account, without penalty. 91.76 Miss Alison Gilc0t, Miss Claire Hornett

91.77 Gordon Chamberlin A

91.78 Menzel

The minutes were then signed.

**91.85 Matters arising**

There were no matters arising.

**91.86 Finance**

VAB reported that Barclays have closed the account but have not relented on the bank charges.

VAB has received the bill for the 6 November meeting. The teas totalled £39. Due to problems with VAT, PMF will arrange that the teas be charged to a different account to that of the newsletter. A personal account will be preferable.

LLoyds have increased their charges and sent VAB notification that they will be effective from January. This implies that the group will have to pay bank charges on this account. Currently no charges are paid. The committee suggested that VAB contacts the manager and send a copy of the M&A indicating that the group is a learned society rather than a small business.

The committee discussed the matter in great detail but decided to wait to see the response from LLoyds before pursuing alternative banking procedures.

MBH reported that the NIC subscription will be going up next year to £130 and subsequently to £140. JDM suggested that the committee should consider whether to lapse the membership payment, since the group did not get a great deal

for their money. The committee decided to leave the decision to a later date when Colour Group subscriptions are reconsidered.

**91.87 Membership**

K Bazargan was reinstated.

Two ordinary members were admitted:

Dr H C Angus - Retired with an interest in art

Dr J W Feather - Leeds University

The committee agreed that Walter Granville and Audrey Mitchell should be made Honorary Members of the group. JDM will write to both.

**91.88 Editorial**

PMF apologised for the error in the Bartleson registration form.

The form will go out again this month with a box to apply for a vegetarian lunch.

Simon Schuster will be invoiced £80 for the circulation of Bob Hunt's book Measuring Colour.

**91.89 Programme 1991/1992**

8 January 1992

Vision /Bartleson Meeting

Scientific meeting is in order. JAFT will organise folders, abstracts, name badges, dinner tickets, list of delegates, place names for dinner, map. JAFT and MBH will organise the seating plan on the day. PMF will supply a large A2 piece of Colour Group paper. Firm numbers for the caterers will be required for 3 January 1991. JAFT to notify. Dinner will be at the 'Andrea Doria' in Beak Street. JDM to arrange menus to be printed. JDM to notify JAFT of all guests for the day and for the dinner. After dinner speakers will be arranged in consultation with Bob Hunt. JDM will send out A4 sized adverts. PMF will arrange for some posters to go out to a few institutions.

5 February 1992

JAFT to pursue Roy Osbourne , Dr Paul Hills, and Dr N Watkins. Travelling expenses should be offered.

4 March 1992

Setting Standards and Tolerances

2 speakers already set for this meeting from Kodak by VAB. JAFT has secured Brian Broderick from NAMAS and Mr M Bishop from BSI.

1 April 1992

Graduate Contributions meeting

MT has 2 papers and one possible poster from

Leeds University (with the help of RN). He continues to pursue further topics.

13 May 1992

AGM

Justin Marshall has agreed to give a talk. Menzel has been invited. DAP has found that the Natural History Museum charges are higher than the RI. PMF has still to contact the Royal Geographical Society. Further suggestions were made: Zoological Society, IC, PCL, Oliver Thompson TCU. JDM to take further.

4 June

Summer Visit

Courtauld Institute. NE had arranged that 20 -30 people could register for the visit. A charge of £1.50 per person would be required for the tour. The afternoon would start with an introductory talk from the director. NE will confirm.

### **91.90 Programme 92/93**

October 92

Displays

JAFT to find suitable speakers.

November 92

Art related. DM to contact Andreas Petzold and L Dunlop suggested by J Gage.

December 92

Colour in Archaeology, Institute of Archaeology, one day meeting. Likely to be 9th or 16th. JH has a number of papers in mind already. Looking into having the proceedings published.

January 93

Vision Meeting

Colour Deficiency/Colour Vision testing.

February 93/March 93

Newton Meeting

The committee agreed that Zeki should be the recipient. JDM to contact Zeki and discuss dates.

April 93

Meeting at Leeds University and visit to Colour Museum at Bradford.

Possible subject: Colour Measurement

Techniques for special samples/surfaces. RN to draw up a schedule for the next committee meeting.

May 93

AGM and retiring chairmans address

To be at Cambridge.

July 93

Joint meeting with the RPS

JAFT and MT in contact regarding organisation.

Colour in Society, date unknown but usually an extra to the programme.

One more suitable topic will be required for a meeting In March/February.

### **91.91 New Committee members and officers**

Vice-Chairman - Mike Pointer and PMF proposed. VAB to sound out Mike. PMF to think it over!

Secretary - JAFT has served 4 years on the committee. She agreed to serve one further year, but the committee should consider carefully possible replacements for next year. JAFT would be happy to swap officer posts if necessary.

Members - Suggestions were:

Jack Moreland - JAFT to pursue.

David Loe- MBH to pursue

Alison Gilchrist - RN to pursue.

Dr M Abeywickrama - JAFT to pursue.

### **91.92 AOB**

The was no other business. Let- &Week (iti.

### **91.93 Next meeting**

The next committee meeting will be on 5 February 1992 at 11.00am at the National Gallery, London.

**Meeting 264 Wednesday 5 February 1992**

Minutes of the 264th committee held on 5 February 1992 at 11.00, National Gallery.

**Present:** Dr J D Mollon(chair), Dr D A Palmer, Dr J A F Taylor, Miss M B Halstead, Dr P M Forsyth, Mr J G Holmes, Dr J Hutchings, Miss R Nath, Dr J Saunders.

**92.01 Apologies for absence**

Received from MT, VAB, ARG.

**92.02 The minutes of the 263rd meeting**

Amended as follows: 91.76 Gilchrist

The minutes were then signed.

**92.03 Matters arising**

91.86 NIC Subscription - Mike Pointer, Vice-Chairman of the NIC will question the value of the NIC subs at the next meeting. Structure of the NIC subs may be revamped. Committee decided that subs should be paid this year, but request that the treasurer should not pay subsequent years without consent of the committee.

Walter Granville and Audrey Mitchell have been notified of their Honorary Membership.

**92.04 Finance**

VAB has sent accounts to the auditors. Martin Grimes has returned a draft together with a request for further information. MG requires copies of committee minutes. printouts of membership with joining dates, and a breakdown of finances for the vision and NPL meetings of last year. Actions: MBH for membership list, JAFT minutes and NPL meeting breakdown. The Vision meeting breakdown will be in the books which MG has at present. PMF to chase David Thomson for July meeting financial statement.

MG notes that the membership subs have dropped by £600 from 1990 to 1991. MBH to investigate.

Group is financially healthy with a surplus last year of £2000. VAB commented that this was mainly due to the support from officers companies and the cheap production of the newsletter. Thought may need to be given to subscription increases if the officers become self supported.

**92.05 Membership**

There were 7 new ordinary members approved:

Prof G Arden - Institute of Ophthalmology  
Dr J Davidoff - National Hospital's College of Speech Science  
Miss M-C Lo - Loughborough University  
Dr J H Xin - Loughborough University  
Mrs M Barnes - Crosfield Electronics  
Ms S C Jones - Artist  
Miss V Millar - Leeds University

There were 2 patron member representatives replaced:

Mr G Hughes - Ciba Geigy Pigments  
Dr C Smith - Infrared Engineering Ltd

There was one patron member change:

GE Thorn Lamps Ltd replace Thorn Lighting Ltd

There were 4 resignations:

F Dustin, F A Garforth, J Park and D W Taylor.

MBH reported that 3 standing order arrears have been paid. Glen Spectra had an ordinary membership and patron membership renewal form. The ordinary membership form was filled in and returned so it is unlikely that they will be patron members in the future.

**92.06 Editorial**

PMF asked for items for the newsletter. The IDA - Information Design Association have approached PMF regarding Participating Society status.

**92.07 Programme 1991/1992**

5 February 1992

All in hand. David Saunders and Anne Blessley will be talking. Tea and biscuits will be served.

4 March 1992

Setting Standards and Tolerances

4 speakers: Mike Quinton, Paul Reeman, one from NAMAS and one from BSI. Abstracts will be sent to PMF.

1 April 1992

Graduate Contributions meeting

MT has 3 papers: A study of Heterozygous for Colour Blindness - G Jordan; The Optical Properties of Dyed Fluorescent Textile Materials - R Nath; Colour for Pottery Characterisation - A Trend. One poster has been accepted from Claire Hornett of Leeds University on Colour Measurement of Metallic Car Paints. JAFT to chase Julie Savage and Tony Morland. JDM has

one other possible speaker. PMF to chase Tastle.

13 May 1992

AGM

4 speakers accepted Menzel, Jacobs, Partridge and Marshall. Venue still uncertain. Suggestions included Royal Aeronautical Society, Institute of Physics and Institute of Structural Engineers.

24 June 1992

Summer Visit - Courtaulds Institute

NE will be issuing a registration form for PMF to put into newsletter.

### **92.08 Programme 92/93**

October 92

Displays

JAFT to find suitable speakers by next meeting.

November 92

Art related

Andreas Petzold will be talking. JDM still to contact Louise Dunlop who is in Paris. JAFT suggested that Nick Watkins should be contacted again since he was very keen to speak to the group. JAFT to book National Gallery.

December 92

Leeds University visit

Visit will be restricted to University rather than Colour Museum as well. RN to organise.

January 93

Vision Meeting, Colour Deficiency/Colour Vision testing.

February 93

Newton Meeting

Zeki has accepted offer.

March 93

Colour in Architecture. JDM to contact David Loe Will Alsop, J Lyons.

31 March 93

Colour in Archaeology.

JH arranging for proceedings to be published.

19 May 93

AGM and retiring chairmans address (summer visit combined)

To be at Cambridge.

### **92.09 New committee members and officers**

Vice-Chairman - Committee agreed that PMF should be appointed. PMF accepted the nomination.

Ordinary committee members - David Loe has

declined nomination. Jack Moreland has accepted. Alison Gilchrist will be a contact at Leeds University only. JAFT to follow up Abeywickrama, M Baines, John Adams, Carole Wood, C Williams and Linda Bullock.

### **92.10 Quality of presentations**

JGH spoke about the poor quality of some of the presentations at the Bartleson Symposium. After much discussion in the Committee, it was decided that the Committee should issue a leaflet which could be sent to speakers after they had agreed to speak at a meeting. The leaflet should be carefully worded and contain information on slide presentation etc. JDM to supply JAFT with leaflet presented by other organisations. JDM, JGH and JAFT to prepare leaflet.

### **92.11 AIC Matters**

Bartleson Trustees are happy with a joint AIC meeting in 94. Working Party will be set up to include PMF, JH, MBH, DAP, JDM, RWH. Trudy sent a card to say thankyou for January meeting.

### **92.12 AOB**

JAFT will order 2 tickets for the Charles Marques lecture at the RI by M Pointer.

JAFT will write to BSI electing DAP to represent the committee on the BSI LGL/17 committee for Co-ordination of Colours for Signal Purposes

Dr Tordoff died on 10 January. This will be noted in the newsletter. JDM will reply to the SOC. MBH will draft a note for the newsletter.

### **92.13 Next meeting**

The next committee meeting will be on 1 April 1992 at 11.00am at the Dame Alice Owen Building, City University, London.

**Meeting 265 Wednesday 1 April 1992**

Minutes of the 265th committee held on 1 April 1992 at 11.00, City University.

**Present:** Dr J D Mollon(chair), Dr D A Palmer, Dr V A Barbur, Dr J A F Taylor, Miss M B Halstead, Dr P M Forsyth, Mr A R Gunton, Mr J G Holmes, Dr J Hutchings, Miss R Nath, Dr J Saunders.

**92.14 Apologies for absence**

Received from MT.

**92.15 The minutes of the 264th meeting**

Amended as follows: 92.07 A study of women heterozygous

PMF to chase Tasti

92.04 ...the reasonable cost of Newsletter production.

The minutes were then signed.

**92.16 Matters arising**

92.04 The AVA draft financial statement outlined a profit of £200 for the July 1991 meeting. Half of this profit should come to the Group. PMF will chase Ian Moorhead.

92.14 Following the death of Tordoff, the SDC have stated that they would like collaboration to continue with the Colour Group as it had in the past. There has been no information regarding the joint meeting that was due to be held this year.

92.07 Mike Quinton was very pleased to receive a letter of thanks from JAFT. 9

**2.17 Finance**

The NIC subscription has been paid.

VAB discussed the draft financial report from the auditors. A surplus of £3053 has been transferred to the Building Society. Most of this surplus came from profits of the NPL meeting and high interest on the assets. The Nett profit was £667, essentially derived from the smooth efficient running of the Group, and company support. Of major concern was the drop in subscriptions this year.

**92.18 Membership**

There have been two resignations:  
D G Newman from Trimite Ltd  
Glen Spectra, patron member

There were 9 applications for Ordinary Membership:

Mr A Benattar	- Glen Spectra
Mrs A Blessley	- Retired extra-mural lecturer
Miss G Jordan	- Research Associate, Cambridge University
Mr W G Kuo	- Student at Loughborough University
Mr D Pavey	- past member
Mr B Staig-Graham	- Artist
Mr C K Vassie	- BAe
Dr S Westland	- Research Fellow, Keele University
Mr N P Williams	- Artist

Miss Battersby has written to the Group explaining that over the past year she has had a stroke and broken her thigh. She would like to hear from people in the Group and perhaps have visitors. PMF will put a short note in the newsletter.

MBH has started to classify the membership list in several ways. She has noted that 50% of the membership joined after 1984. Watch this space!

**92.19 Editorial**

Nothing to report.

**92.20 Annual report/return**

The Committee discussed the Annual Report and made corrections. The amended report will be circulated in the newsletter.

**92.21 New Committee officers**

A Trend, C Wood, J Moreland and L Reynolds have been nominated as new committee members.

**92.22 Programme 1991/1992**

1 April 1992  
Graduate Contributions meeting  
All in hand.

3 May 1992  
AGM  
Venue City University. JDM circulated programme. AGM will be at 1.30pm.

24 June 1992  
Summer Visit  
Courtaulds Institute. JAFT to chase NE regarding registration form for Newsletter.

**92.23 Programme 92/93**

October 92

Colour in displays and new technologies  
Venue City University. 4 speakers secured: Dr A Mosley, Hirst Research Centre; Arthur Jenkins, Philips Research; Dr David Travis, BT; Dr Ibbetson, Racal Marine Electronics. JAFT to contact A Tarrant regarding publicity.

4 November 92

Colour in the History of Art  
Venue National Gallery, Trafalgar Square Lecture Theatre. Speakers: Dr Elizabeth James (Courtauld Institute) Painting with light. Colour in Byzantine Art; Dr D Buckton (British Museum) Colour in Byzantine and early medieval studies; Dr A Petzold (V and A) Some aspects of the iconography of colour in medieval painting; Dr N Watkins (Leicester University) The use of colour in Matisse.

2 December 92

Leeds University visit  
Meeting to start with coffee and visit to Cloth Workers Dept, Lunch, then scientific meeting to start 1.30pm, chaired by Jim Nobbs. 4 x 30 mins lectures with 30 mins tea break. RN to draft out a registration form, to include travel requirements (possibility of party rates).

6 January 93

Vision Meeting, Colour Deficiencies and Anomalies  
Venue City University. 1 speaker arranged, rest of programme to be arranged. The committee discussed the domestic arrangements for this meeting in depth. It was decided lunch would be arranged and that lunch registration was all that was required. The committee agreed that if travel expenses were required to bring a speaker to the meeting, the organisers should consult them. It was noted that bringing good speakers to the vision meeting was beneficial.

3 February 93

Newton Meeting  
JDM has investigated the costs of the Royal Society Lecture Theatre for Zeki's lecture. The cost would be £280. JDM is to find out if the Royal Society would cater for the dinner. Otherwise a different venue may be found

31 March 93

Colour in Archaeology  
Take the form of a day school. There will be 8

speakers approx. JH hopes to advertise the meeting as widely as possible.

19 May 93

AGM and retiring chairmans address  
Summer visit to Cambridge combined . To be arranged.

**92.24 AIC Matters**

The sub-committee proposes that the possible AIC 1994 meeting should be combined with the Bartleson Symposium and be 2 days. It should be residential, during Easter vacation preferably . Venue suggested was Robinson College, Cambridge. Papers should be invited and submitted. Topic should be Colour Appearance and Reproduction. The committee was asked if this meeting should go ahead. It was decided that information should be collected on other meetings that year. JAFT to find out about RPS and other meetings. Item to go on agenda for next meeting.

**92.25 Registered charity**

JAFT had circulated information on charities to all Committee members. JH remembered that the main problems associated with the last attempt to become a charity were mainly concerned with patron membership and meetings mainly attended by members. MBH will look out the letters from the solicitors associated with this previous attempt. JH said that advantages included no tax on savings and higher interest rates. A business bank account would still be required.

JDM will raise this issue at the AGM, for discussion.

**92.26 AOB**

JDM will draft out a document for circulation to speakers on quality of presentations.

**92.27 Next meeting**

The next committee meeting will be on 13 May 1992 at 11.00am at the Dame Alice Owen Building, City University, London.

**Meeting 266 Wednesday 13 May 1992**

Minutes of the 266th committee held on 13 May 1992 at 11.00, City University.

**Present:** Dr J D Mollon(chair), Dr D A Palmer, Dr V A Barbur, Dr J A F Taylor, Dr P M Forsyth, Dr J Hutchings.

**92.28 Apologies for absence**

Received from MT, MBH, RAN.

**92.29 The minutes of the 265th meeting**

Amended as follows:

92.17 A surplus of..... replaced by:

The year has ended with a surplus of £3053.

The minutes were then signed.

**92.30 Matters arising**

There were no matters arising.

**92.31 Finance**

The top copies of the accounts have arrived and will be signed at the AGM.

The nett cost of the Bartleson Symposium was £295. Most of the problems arose from the catering costs and holding the function at the RI. In future the trustees must guarantee to cover the costs.

The current financial position is as follows:

£2295 - Lloyds

£22640 - Nationwide

£1228 - Woolich

Further charges of £500 for the newsletter and expenses for teas will come out of the bank account. £130 will be transferred for the NIC subscription.

The AVA are sending a cheque for £100.50 for the groups share of profits made at the July 1991 Spectacles meeting.

**92.32 Membership**

There are two new ordinary applications:

Dr Adam Reeves - North Eastern University  
Boston USA.

Dr Paul Whittle - University of Cambridge.

The following members have not paid their subs yet this year:

J Aaron, K Bazargan, A Chalmers, J Gresty, M Hetherington, J E Marshall, H Mellersh, N Paritsis,

M Scase, K Taylor and F Vienot.

BH will write a second reminder.

Prof T\_H Dong of China and Wendy Light of New Zealand have not paid but MBH suggests that these should be kept on the list.

Seven Patron members have failed to pay subs this year. Some did not pay last year Adam Hilger, Johnson Matthey, Wiggins Teape not paid 91/92. BAe, Monotype, Redland Tech Ltd, Unilever not paid this year. MBH will write to these companies.

JDM asked PMF to find out if there was Colour Group member at the Bolton Institute. PMF to check.

**92.33 Editorial**

PMF will put in a correction next newsletter for an error in the ISCC article.

The January, and March meeting reports are still outstanding. PMF and JAFT to organise.

**92.34 AIC Matters**

MBH has been sent a letter from Alan Robertson requesting that the group organise a video recording of WDW giving a message to the AIC 25th Anniversary meeting. PMF will organise one of the University ex-photographers to go to WDW's house. JDM thought it was appropriate that the group should have a copy of the video for the archives.

The RPS are happy to hold a 2 day joint meeting with the AIC and the Colour Group, Easter 1994, with a general topic of colour reproduction. The venue suggested is Robinson College, Cambridge. Domestic arrangements will be handled by the college. Costs should be kept to a minimum. JAFT to formally approach the RPS. Dates to be organised. Then JDM to approach Robinson College for booking. Followed by JAFT formally writing to Alan Robinson.

**92.35 Registered charity**

Patron membership is declining. It therefore seems reasonable to restructure the membership to remove the Patron status. Commercial organisations will then not be benefitting specifically from membership. For many years the numbers of visitors to our meetings have been noted. In addition meeting notices are circulated widely inviting nonmembers to them. This is good evidence that the group is educating the public.

JDM will briefly talk about this at the AGM. Further investigations will be required.

**92.36 PROGRAMME 1991/1992**

13 May 1992

AGM

All in hand. Dr Partridge is unable to attend the meeting. Jim Bowmaker will give a talk instead.

24 June 92

Summer Visit

Courtauld Institute. Currently 21 applications received.

**92.37 Programme 92/93**

2 October 92

Colour in displays and new technologies  
Venue City University. In hand.

4 November 92

Colour in the History of Art  
Venue National Gallery, Trafalgar Square Lecture Theatre. In hand.

2 December 92

Leeds University visit

RAN has sent a provisional meeting notice outlining the speakers and days events. This will go in the Summer newsletter.

6 January 93

Vision Meeting, Colour Deficiencies and Anomalies

Venue City University. DAP and Alan Cowie will speak. JDM and DAP to organise further.

3 February 93

Newton Meeting

Catering at the Royal Society likely to be about £35 per head. JDM to book the meeting room with 72 seats. Meeting will be ticketed without charge to ensure numbers restricted to 72. JDM to write to Royal Society and book.

3 March 93

Colour in Architecture

RIBA want over £300 for half day use of their theatre. JDM and JAFT suggest that the National Gallery would be a suitable venue. JAFT to book.

31 March 93

Colour in Archaeology

3 speakers secured so far. All proceeds will be handled by the Colour Group. Lecture theatre will be free. Travel expenses will be offered to speakers. Costs of about £250-300 will be recovered from delegates.

19 May 93

AGM and retiring chairmans address (summer visit to Cambridge combined)

Lunch and drinks to start followed by the AGM and retiring chairmans address, a visit to some labs and a Granville tea. JDM to formalize structure.

**92.38 AOB**

JDM has received a letter from Walter Granville saying that the November meeting looks so interesting that he may come over for it. If he does come it was suggested that Committee members/officers should take him out to dinner.

JDM attended the Annual Dinner of the SDC in Bradford. The event was very interesting. All society representatives had some form of chain of office. JDM proposed that the Chairman of the Colour Group should have a similar chain of office. R Brocklebank or Audrey Mitchell should be asked to give advice on the design.

JAFT to invite a representative from the SDC to the Newton Dinner.

4 Members of the Colour Group have won the Walsh Weston Medal: MBH, DAP, Mike Pointer and Adrian Hill.

PMF reported that new books are being purchased by the Colour Library. The collection is open to the public, but space is limited and people should make an appointment first. PMF to advertise the library in the newsletter.

**92.39 Next meeting**

The next committee meeting will be on 24 June 1992 at 11.00am at the Committee Room, Royal Society of Medicine, 1 Wimpole Street, London.

**Meeting 267 Wednesday 24 June 1992**

Minutes of the 267th committee held on 24 June 1992 at 11.00, Royal Society of Medicine.

**Present:** Dr J D Mollon(chair), Dr P M Forsyth, Dr J A F Taylor, Miss M B Halstead, Dr J Hutchings, Prof J D Moreland, Miss R A Nath, Mr A G Trend

**92.40 Apologies for absence**

Received from CAW, VAB, LJR.

**92.41 The minutes of the 266th meeting**

Amended as follows:

92.37 2 October replaced by 7 October Alan Cowie replaced by Alan Cowey

The minutes were then signed.

**92.42 Matters arising**

There were no matters arising.

**92.43 Finance**

There was nothing to report.

**92.44 Membership**

The following members will be lapsed if subs are not paid by the end of June:

J Aaron, A Chalmers, J Gresty, M Hetherington, J E Marshall, H Mellersh, N Paritsis, M Scase, and K Taylor.

MBH will write to unpaid Patron Members.

There were two new ordinary membership applications:

Dr N S Hollinman - Lightwork Design  
Mr A Roberts - BBC

**92.45 Editorial**

PMF asked for contributions for the Summer Newsletter which will be circulated shortly. JAFT showed the committee the new meeting card which will be circulated with the newsletter. These cards were printed at NPL.

**92.46 AIC Matters**

PMF arranged the video recording of WDW and Bob Hunt took it to USA.

Provisional booking for the AIC 1994 meeting is 11 and 12 April at Robinson College. Delegates to arrive on 10 April. JAFT to contact Mike Pointer to discuss the financial arrangements but it seems

sensible that the RPS deal with the money. JDM will need to pay a deposit of £2 per head to secure the booking. PMF to contact Mike Pointer re estimate of numbers likely to come. The Bartleson Lecture should be held at the end of the first day, with an upgraded dinner to follow. This lecture should be free. There should be keynote speakers chosen for the various sessions and Mike Pointer should be invited to give the opening talk. A calling notice should be circulated through the AIC. MBH, JAFT and PMF should start negotiations with the RPS and provide proposals for the committee in October. JDM to check prices per head at the Robinson College.

**92.47 Registered charity**

The next stage is to take an M and A to the NCVO to establish how much requires change and an estimate of the cost to the group. JAFT to contact NCVO re meeting with PMF, MBH and JAFT.

**92.48 Programme 1992/93**

7 October 92

Colour in displays and new technologies  
Venue City University. In hand.

4 November 92

Colour in the History of Art.  
Venue National Gallery, Trafalgar Square Lecture Theatre. In hand.

2 December 92

Leeds University visit  
RAN has speakers names for this meeting which will be included in the newsletter. JAFT to write to the SDC notifying them of the meeting and to invite their members to attend

6 January 93

Vision Meeting, Colour Deficiencies and Anomalies.  
Venue City University. V Speakers include DAP, Alan Cowey, J Barbur, someone from Cambridge and possibly Jeff Arden. JaDM and JDM to find others.

3 February 93

Newton Meeting  
In hand. Dinner booked at the RS with a 72 seater V meeting room. Zeki will bring wife. VAB to deal with engraving of medal.

3 March 93

Colour in Architecture  
In hand. JDM to notify JAFT of speaker timing so that tea can be ordered.

31 March 93

Colour in Archaeology

5 definite papers with speakers. Mostly in hand.

19May 93

AGM and retiring chairmans address (summer visit to Cambridge combined)

Buffet lunch in a college, AGM, Retiring Chairman's address followed by visits to some labs.

JDM asked all Committee members especially those newly elected to give some thought on the programme for 1993/94. This will appear as a new item on the agenda for the October meeting.

Possible suggestions included: Summer visit to the Colour Museum Bradford on 22 June - JAFT to write to SDC re lunch; joint meeting with the other Colour Group; meeting at the RCA - maybe a book review meeting; report back meeting of the AIC.

1995 is the bicentennial of George Palmers death. JDM suggested that the vision meeting that year should be held in the Drapers Hall. JDM to look into further.

#### **92.49 AOB**

MBH asked if anything had been done concerning the chain of office. JAFT is to consult R Brocklebank.

JDM to draft out notes for speakers.

#### **92.50 Next meeting**

The next committee meeting will be on 7 October 1992 at 11.00am at Dame Alice Owen Building, City University, Goswell Road, London.

### **ACTIONS**

JDM

Check prices per head for Robinson College and hire of meeting rooms.

Organise speakers for January meeting.

Notify JAFT of timing for tea at the March architecture meeting.

Draft out notes for speakers.

JAFT

Contact Mike Pointer regarding AIC meeting.

Contact NCVO and organise meeting.

Write to SDC regarding December meeting.

Write to SDC re hosting our summer visit to Bradford.

Consult R Brocklebank regarding the chain of

office design.

MBH

Write to unpaid Patron members.

PMF

Contact Mike Pointer re provisional numbers for AIC meeting.

JaDM

Organise speakers for the January meeting.

ALL

Send in contributions for the newsletter.

Gather ideas for new 1993/94 programme of meetings.

**Meeting 268 Wednesday 7 October 1992**

Minutes of the 268th committee held on 7th October 1992 at 11.00, City University.

**Present:** Dr J D Mollon (chair), Dr P M Forsyth, Miss M B Halstead, Dr I Hutchings, Miss R A Math, Mr A G Trend, Dr C A Wood.

**92.51 Apologies for absence**

Received from JAM', VAB, J D Moreland.

**92.52 Minutes of meeting 267**

No amendments were made to the minutes, and they were not signed.

**92.53 Matters arising**

The chairman tabled a draft *Guide to speakers*, appended to these minutes, for comment by the committee.

JAFT reported in a note that Ralph Brocklebank had arranged for a Badge of Office to be designed and made. He has persuaded a past chairman to make a gift of the badge to the Group.

**92.54 Finance**

VAB has paid the preliminary booking fee of £160 to Robinson College. She has renewed the Data Protection Act registration at £75 for three years. She reminds committee members (particularly PMF for the Newsletter), to send in all bills before the end of November.

**92.55 Membership**

MBH reported that of the members due for lapsing after the June meeting, two have now paid (A Chalmers and I E Marshall). A Chalmers says he did not get a subscription reminder, and MBH felt we should in future make extra allowances before lapsing overseas members. K Bazargan and J J Kulikovski have now paid (the latter up to the end of 1993) and were reinstated. The following members were lapsed: J Aoarn, J Gresty, M Hetherington, J Mellersh, N Paritsis. M Scase and K Taylor. Of the seven non-paying patrons, two have now paid: Unilever (Lloyd) and Monotype (Tellus). Johnson Matthey have also paid for 1991 and 1992, but have indicated that they now wish to resign. The following patron members were lapsed: Adam Hilger. Wiggins Teape, British Aerospace and Redland Technology.

There were four new applications for membership: Nigel Disley of Courtaulds Research (no

proposer required);

Dr Paul Hills (Dept. of History of Art, Warwick University), prop. MBH, sec. J Hutchings  
Ms Karina Jo Linnell (Keele University) prop. S Westland, sec D Foster  
Jonathan Swain (Barco UK Ltd) prop. Graham Evelyn, sec Barnes. All four were duly admitted.

MBH will send the membership revisions to VAB and PMF.

Several committee members announced changes of address or telephone number:

Roma Nath, now at Kodak Ltd, (same address as VAB) phone 081 427 4380 ext. 3309, home: 081 861 2124; J Hutchings, 0234 376768; Carol Wood, 0656 669457.

**92.56 Editorial**

The chairman raised the question of improving the appearance of the Newsletter by buying a laser printer. PMF felt that this was not worthwhile for the remainder of his editorship, and future editors would probably have easy access to a suitable printer.

MED passed copies of the latest Swedish newsletter, and details of an AIC Seminar to PMF. PMF has asked Ron Douglas to prepare an obituary of John Lithgoe. The next Newsletter will include a membership application.

**92.57 AIC Matters**

(Dr M Pointer was invited to attend for part of this item).

The Bartleson Trustees (R W G Hunt, G Woodward, the Colour Group Chairman and Vice-chairman, and M Pointer, replacing L Hurvich), have selected Dr R Luo as Lecturer for the 1994 Meeting. MBH observed that the trustees job was more difficult without any overseas representation. The first day of the meeting will bear this choice of Lecturer in mind, and the second will be organised by the RPS S & T group. MBH, MP, PMF, JH and JAFT were asked to select names for invited speakers and to prepare a 'call for papers'. This should be available by November this year. MP said the RPS would require a premium registration fee for those who were members of neither the RPS nor the Colour Group of at least L20, and suggested we should set the fee to break even at an attendance of 50.

**92.58 Registered charity**

JAFT had received an answer from the NVCO saying that they have had to cut back on their charity registration casework, and suggesting we should consult a solicitor. PMF had found that Macfarlanes (of 10 Norwich Street, London EC4) had done the work of organising the 'Voices for Hospices' charity, and had staff specialising in this work. They have examined our Memoranda and Articles, and think that an exploratory meeting would cost £300 to £700, and the entire process, including revising the Memoranda and articles, would cost about £3000. They believe a revision to the memoranda would be necessary to remove any non-charitable objectives, and would in any case be desirable at sane stage, since they were constructed under out of date caspany law. MBH observed that the cost would amount to 20% of our assets, and would take many years to recoup in income tax savings. MBH will enquire of an alternative solicitor.

**92.59 Programme 1992/93**

7 October 92

JAFT asks that JDM should meet the speakers. Alan Mosely has been replaced by Beatrice Nicholas.

4 November 92

Colour in the History of Art  
JAM said this was in hand, and he would be sending out a poster to interested organisations

2 December 92

Leeds University visit  
RN tabled a final programme for inclusion in the newsletter, with a tear-off strip for lunch registration. She has had 10 replies to the notice in the summer newsletter. She will provide a map for inclusion in the November newsletter. It was agreed that she could offer travel expenses, up to an agreed limit, to a speaker who has to travel from Glasgow.

6 January 93

Vision Meeting  
JDM tabled a draft programme of eight confirmed speakers (appended). In addition Jack Moreland has proposed inviting Andre Roth from Switzerland

3 February 93

Newton Lecture  
In hand, nothing further to report.

3 March 93

Colour in architecture  
JDM plans to put Ben Johnson first, and Will Alsop after tea. The National Gallery will be asked to advertise this talk, and HRH suggested that David Lowe should be invited to bring his students.

31 March 93

Colour in Archaeology  
J Hutchings listed eight confirmed speakers: Christine Cox (Cambridge) False colour air photography of archaeological sites; Stephen J Mithen (Cambridge) Paleolithic colours and symbolism; Mike Heywrth (Inst. of Archaeology) The colour of glass; J Hutchings, Colour measurement in Archaeology; Paul Craddock (British Museum Dept of Scientific Research) Copper alloys; John Merkel (Inst. Archaeology) Gold alloys (including Columbian masks); Peter McTaggart, The use of pigments (post Raman); Evelyn Baker (Bedfordshire County Archaeologist) Medieval floor tiles; and possibly Catherine Kassell (University College, London) Pigment conservation. J H is designing a flyer. The proceedings may be published as a separate booklet.

19 May 93

AGM and Chairman's address  
JDM outlined the programme he has in mind. Lunch at a college will be followed by the AGM, and his r chairman's address. Afterwards there will be a programme of visits to laboratories.

**92.60 New programme 1993/94**

JDM observed that there were already certain fixtures in our programme:

- a visit to Bradford had been suggested for a Summer Visit;
- the January Vision meeting;
- the AIC/RPS/Bartleson two day meeting in April;
- a displays meeting in October, and
- a History of Art meeting for which he already had three possible names (Bridget Riley, M Lantony, and himself)

MP suggested that a report on the CIE Division 1 meeting could contribute half a meeting. It may be necessary to review new methods of colorimetry (Thornton) and new chromaticity diagrams (Vienot and A Oleari).

A measurement of colour of certain specific classes of object might form an interesting group

of talks: colour of bacteria cultures (Peter Green), colour of gemstones, colour of oils (Tintometer), and colour in nature (Peter Parks, who is giving one of the Darwin lectures on this subject this year).

JDM said a number of the Darwin lecturers might provide future speakers They include Bridget Riley, Prof. Malcom Longair, John Gage, David Bamford (National Gallery art Historian), Peter Parks and Sir John Lyon (Colour in Language).

**92.61 A0B**

MBH reported that Bill Sproson will not be attending the meeting due to serious illness. PMF reported that W D Wright will be having a hip operation on 30th October. RN will organise a get well card, to be signed at the meeting.

**92.62 Next meeting and venue**

This will be on the morning of 4th November. JAFT was asked to arrange a room at the National Gallery. Failing that, JDM could arrange one at the Royal Society of Medicine.

**ACTICKS**

ALL

Prepare comments on draft Guide to Speakers  
Send bills to VAB by end of November

MBH, MP, PMF, JH and JAFT

Select names for invited speakers and to prepare a 'call for papers' for AIC meeting.

MBH

Send the membership revisions to VAB and RAF.

MBH

Get estimate from solicitor for charity registration.

JDM

Advertise Architecture meeting to National Gallery & David Lowe.

**Meeting 269 Wednesday 4 November 1992**

Minutes of the 269th committee held on 4 November 1992 at 11.00, National Gallery, London.

**Present:** Dr J D Mollon(chair), Dr P M Forsyth, Dr J A F Taylor, Dr V A Barbur, Miss M B Halstead, Dr J Hutchings, Prof J D Moreland, Ms L Reynolds, Mr A G Trend.

**92.63 Apologies for absence**

Received from CAW, RAN.

**92.64 The minutes of the 268th meeting**

Amended as follows:

92.56 Lithgoe should be replaced by Lythgoe

92.60 4th paragraph - Cage should be replaced by Gage

The minutes were then signed.

**92.65 Matters arising**

92.61 WDW has had the operation and recovering well. PMF will visit him when he is well enough to receive visitors. WDW sent a card thanking the group for their Get Well Card.

92.57 JDM expressed his concern regarding the organisation of the Bartleson trustees and the methods used to choose the Bartleson Lecturer for 1994. JDM announced that he would like to resign from the trustees. Following a lengthy discussion and comments by various members of the committee, it was left that JDM should make a decision on behalf of himself rather than the chairman of the Colour Group.

**92.66 Finance**

The Group remains in a favourable financial position with the accounts as follows:

Woolich	£ 1,228
Nationwide	£23,538 (inc Granville fund)
Lloyds	£1,104A

Il payments are up to date except: newsletter, travel expenses for 2 Dec meeting and the Granville Teas.

**92.67 Membership**

Two new ordinary members were admitted:  
Dr Annette Werner - University of Berlin  
Mr Nascimento - Dept Communication and Neuroscience, Keele University

Maria Mattiello has paid up all her back dues.

Prof Dong sent a complimentary pair of scissors and a necklace through the post for MBH.

**92.68 Editorial**

PMF is still waiting for the meeting report for the May meeting and an obituary for J Lythgoe.

**92.69 Guide to speakers**

The *Guide to Speakers* document had been circulated to all Committee members for comment. It was decided that the second paragraph should be made the fourth to give a positive feel to the guide. JDM will revise the third paragraph on data for slides. LR to send photocopy the relevant pages in her book and send to JDM. Final version will be sent to JAFT for distribution to speakers.

**92.70 AIC**

a) Nominations - The Colour Group have been asked for unofficial nominations for the AIC committee (93-97). Names put forward were: M Pointer, F Vienot and JAFT. Committee members to think about further suggestions and send to JAFT.

b) The first circular for the Budapest meeting is now out. PMF to put in newsletter.

c) 1994 Interim Meeting - The working party met in October to discuss the future meeting. A calling notice and application form have been drafted and will be ready for the December newsletter. JAFT will send out to the AIC. Preliminary calculations give the overall costs at approx £190 inc VAT. There will be at least two keynote lecturers; Geoff Attridge for day 2 and perhaps Paula Alessi for day 1. It is hoped that there will be 11 other papers.

**92.71 Programme 1992/93**

4 November 92  
Colour in the History of Art  
Everything set.

2 December 92  
Leeds University visit  
RAN provided maps a final notice of the meeting for PMF to put in the newsletter. Everything is in hand.

6 January 93  
Vision Meeting, Colour Deficiencies and Anomalies

Venue City University. JDM to invite Andre Roth and offer £200 towards travel costs. The costings were discussed in detail. It was decided that PMF and JDM should organise lunch. Registration should cost £12.25 for members, £15 for non-members and £3 for students.

3 February 93  
Newton Meeting

JDM to organise menu for dinner. VAB/MBH to organise medal. A seating plan will be required.

3 March 93

Colour in Architecture

In hand. There will be two speakers only for this meeting. Tea will be 3-45pm.

31 March 93

Colour in Archaeology

Poster has been organised. Costs will be £6 per person approx. Printing will be free. In hand.

19 May 93

AGM and retiring chairmans address (summer visit to Cambridge combined)  
Buffet lunch in a Emmanuel College, Department lecture theatre for AGM and Retiring Chairman's address followed by visits to some labs.

#### **92.72 New programme 93/94**

6 October 93

Displays meeting

LR may be able to give talk on Air Traffic Control systems.

3 November 93

History of Art

National Gallery

Dr Hills, Bridget Riley and M Lanthony. JDM to write to them.

1 December 93

CIE Division 1 forum/discussion.

Suggested that the work of a couple of committees is discussed ready for the Division 1 meeting in 1994. Suggestions included F Vienot's work. JAFT to ask Mike Pointer to organise!

5 January 94

Vision Meeting

2 February 94

Colours of Objects

Early March 94 - Joint SDC meeting at Carlton House entitled Colour in Communication. Suggestions for speakers and topics to VAB.

2 March 94

Suggestions required

10 -12 April 94

AIC meeting, Cambridge

18 May 94

AGM and perhaps the enameller from St Johns Street, London

22 June 94

Summer Visit to Colour Museum, Bradford.

#### **92.73 Committee officers/members**

A new Secretary will be required from May 93. JAFT asked committee members to suggest possible candidates. Three committee members will be required. JAFT said that she would be happy to take on the responsibility of Assistant Secretary.

#### **92.74 Next meeting**

The next committee meeting will be on 8 December 1992 at 11.00am at Royal Society of Medicine, London.

#### **ACTIONS**

JDM

Complete May meeting report

Send obituary for J Lythgoe to PMF

Revise Guide to speakers and send to JAFT

Invite Andre Roth to January Meeting

Organise lunch for January meeting with PMF

Arrange menu for Newton Dinner.

Write to History of Art speakers for Nov 93

JAFT

Invite Paula Alessi to AIC 1994 meeting

Ask M Pointer to organise the CIE meeting Dec 93

VAB

Arrange for engraving of Newton Medal

PMF

Organise lunch for January meeting with JDM

ALL

Submit further suggestions for AIC Committee members to JAFT

Send suggestions of speakers and topics for joint SDC meeting on Communications to VAB

Suggest topics for March 94 meeting

Consider possible candidates for Secretary and new Committee members

**Meeting 270 Wednesday 8 November 1992**

Minutes of the 270th committee held on 8 December 1992 at 11.00, Royal Society of Medicine, London.

**Present:** Dr J D Mollon(chair), Dr P M Forsyth, Dr J A F Taylor, Miss M B Halstead, Dr J Hutchings, Miss R A Nath, Ms L Reynolds, Mr A G Trend.

**92.75 Apologies for absence**

Received from CAW, VAB and JaDM.

**92.76 The minutes of the 270th meeting**

Accepted and signed.

**92.77 Matters arising**

There were no matters arising

**92.78 Finance**

JAFT reminded the committee that all expenses should be sent to VAB before the end of Dec 92

The Committee agreed that PMF could purchase a small voice operated tape recorder for recording the proceedings of scientific meetings.

**92/9 Membership**

Two new ordinary members were admitted:  
Mrs Linda Bullock - National Trust  
Dr Elizabeth James - Courtauld Institute

There were no resignations.

**92.80 Editorial**

PMF will include the subscription forms, the AIC 1994 notice, and the Dec meeting report in the next newsletter.

**92.81 Committee officers/members**

RAN agreed to take over the post of Secretary from May 1993. JAFT is willing to stand for nomination to Assistant Secretary. JDM proposed that MBH should continue as Assistant Treasurer for a further year. MBH agreed.

The following names were suggested for ordinary committee members: John Mellerio, Anva Hurlbert, Jim Bowmaker, Linda Bullock and Geoff Attridge. JAFT to approach three provisionally.

**92.82 AIC**

a) JAFT has received a fax from Alan Robertson asking if the committee agreed to Roy Osborne being nominated for the AIC Executive

Committee. All agreed. JAFT to reply.

b) The calling notice for the AIC is now ready and will be circulated this month. JAFT has sent a fax and a letter to Paula Alessi inviting her to give a keynote lecture at the conference.

**92.83 Registered charity**

MBH has contacted her local historical society which recently obtained charity status (not a limited company). The status was obtained without legal help. MBH said that it may be possible to carry out the necessary changes without paying vast legal fees.

JH said that he was worried about getting the M+A changed (not cost effective; in time and money).

There are two possible routes to take:

- 1) Wind up the existing company, create a holding account and start up a new body. This may lead to some losses in membership.
- 2) Change the M+A to suit both Companies House and the Charity Commissioners.

It was agreed that a Working Party should prepare a draft M+A for the committee to look over at the next meeting. The Working Party will consist: MBH, JAFT, PMF and JH. MBH and JAFT will draft the document.

MBH and JAFT will get information from Companies House on the new Companies Act.

VAB was asked to provide a draft of the financial 'gains' of the group if it obtained charity status.

**92.84 Darwin lectures**

Lindsay MacDonald has written to the Group suggesting that we should organise video recording of the Darwin Lectures. The suggestion is a good one, but perhaps a little late in the day.

The CUP has a permanent contract to publish the lectures. JDM said that he should write to the organisers suggesting that the lectures should be preserved by the process of video.

**92.85 Programme 1992/93**

The Leeds meeting (2 Dec) went well. JDM to thank A Gilchrist and the two Profs. A Gilchrist to thank speakers.

6 January 93

Vision Meeting, Colour Deficiencies and Anomalies

Venue City University. Meal for £7.80 exc VAT

COLOUR GROUP (GREAT BRITAIN)

arranged. Prof Roth has agreed to give a talk.  
Lunch will be provisionally booked for 30.

3 February 93 Newton Meeting  
JDM organised meal at £30 inclusive of VAT and service. JDM will provisionally book for 18-30.  
JDM to find out Zeki's title for the Newton Medal.  
Tea will be served at 4.30. Dinner to start at 6.30.

3 March 93  
Colour in Architecture  
In hand. There will be two speakers only for this meeting. Tea will be 3-45pm. Ben Johnson still not provided a title. JDM to chase. 31 March 93 - Colour in Archaeology. All in hand.

19 May 93  
AGM and retiring Chairman's address entitled The Organising Power of Colour (summer visit to Cambridge combined).

**92.86 New programme 93/94**

6 October 93  
Displays meeting  
In hand. JAFT to secure speakers.

3 November 93  
History of Art  
National Gallery. JDM has written to Dr Paul Hills and Bridget, Riley. No response as yet.

1 December 93 - CIE Division 1 forum/discussion.  
M Pointer has refused to organise this meeting.  
One topic should be TC1 36. JAFT to consult J Verrill about this further.

5 January 94  
Vision Meeting

2 February 94  
Colours of Objects  
Colour of Gems, Colour of Opals. Jamie Nelson may have some ideas. JAFT to contact.

Early March 94  
Joint SDC meeting at Carlton House  
Colour in Communication. Suggestions for speakers and topics to VAB.

2 March 94  
Colour in Education  
C Wood to organise perhaps!

10 -12 April 94  
AIC meeting, Cambridge

18 May 94  
AGM and perhaps the enameller from St Johns Street, London.

Minutes of Committee meeting number **270**

22 June 94  
Summer Visit  
Colour Museum, Bradford.

**92.87 AOB**

There was no other business.

**92.88 Next meeting**

The next committee meeting will be on 3 February 1993 at 14.30 at the Royal Society, 6 Carlton House Terrace, London.

**ACTIONS**

JDM  
Complete May meeting report  
Write to Trevor Lambe regarding videoing of Darwin Lectures 41  
Write to A Gilchrist, Leeds University  
Provisionally book Newton Dinner for 18-30  
Establish Zeki's full title for Newton Medal  
Chase Ben Johnson for title of paper on 3 March

JAFT  
Approach possible nominees for Committee members  
Reply to A Robertson  
Draft revised M&A with MBH  
Contact Companies House re-latest Company Act  
Secure speakers for Displays meeting  
Talk to J Verrill about CIE Division 1 forum  
Contact J Nelson regarding Colour of Objects meetingV

AB  
Arrange for engraving of Newton Medal.  
Estimate gain on becoming charity.

MBH  
Contact Companies House. Draft revised M&A with JAFT.

ALL  
Send suggestions of speakers and topics for joint SDC meeting on Communications to VAB.

**Meeting 271 Wednesday 3 February 1993**

Minutes of the 271st committee held on 3 February 1993 at 14.30, Royal Society, London.

**Present:** Dr J D Mollon(chair), Dr P M Forsyth, Dr J A F Taylor, Miss M B Halstead, Dr J Hutchings, Miss R A Nath, Ms L Reynolds, Ms C Wood

**93.01 Apologies for absence**

Received from AT and JaDM 93.02 The minutes of the 270th meeting were amended as follows:

92.85 Gilcrest replaced by Gilchrist 92.84 JAFT to write to Trevor Lambe 92.81 Anya Hurlbert

These were then signed.

**93.03 Matters arising**

There were no matters arising

**93.04 FINANCE.**

VAB has received an invoice for the NIC subscription of £139. MBH had been under the impression that NIC would consider the group as a special case and charge university rates of £59. The NIC are having to deal with an increase of CIE fees and subscriptions are likely to rise again next year.

The Committee discussed various options open to the group regarding the NIC subscription. PMF suggested that it should be raised at an AGM, so that members could decide whether the group should remain a member of the NIC. The Committee agreed that only the university subscription should be paid with a covering note stating that we understood we would be treated as a special case. If there were any problems then it could be brought up at the next AGM.

VAB circulated provisional accounts which showed a nett increase in assets of £1666. Income from ordinary members increased over last year. Two Newsletter bills are still outstanding from last year. The Granville Teas fund is currently balancing, but there is no increase in assets. The interest on the AIC (Woolich) account is not maintaining the capital. VAB suggested that this money should be transferred into the Nationwide account to achieve a higher rate of interest. SDC and OCCA originally set up the AIC account with CG, and CG were given the responsibility of managing it. They must be consulted before any changes in account are made. JH suggested that the group should wait

until after the Cambridge 1994 meeting.

Ralphe Brocklebank asked past chairmen of the Group for donations to pay for the chain of office. An excess of £80 has been raised. Some of this will be required to pay for an insurance premium. D Palmer has suggested that the rest may be used to enlarge the WDW donation to the group.

**93.05 Membership**

There have been 4 resignations:

Mr Bally - Wiggins Teape  
Ivan James  
Ian Ravend

A fourth letter was received from Dr V G Harrison. The committee decided that Dr Harrison should be made an Hon Member, since he was on the first Committee of the Group. JDM will write to him. Provided he is in agreement it will be brought up at the next AGM. MBH will send him an Advancement of Colour book.

Four new ordinary members were admitted:

D E Bailey - Guys Dental School  
Dr P Brent - Imperial College  
Dr L G Ripley - Sussex University  
Mrs Jean Tsushima

There were 2 name changes:

Mrs Donnahue - British Leather Confederation  
Dr Kent - Tory Station Aberdeen

MBH announced that 108 ordinary and 7 patron members have paid subscriptions. There are 12 patron members still unpaid.

**93.06 Editorial**

There was nothing to report.

**93.07 Committee officers/members**

John Mellerio has agreed to stand for election onto the Committee as ordinary member. JAFT has still to contact Jim Bowmaker and Linda Bullock.

All officer posts are now organised.

**93.08 AIC**

JAFT has still not received an answer from Paula Alessi regarding the keynote lecture at the conference. JAFT will try to contact her at her home address.

A large number of calling notices have been sent out by JAFT and M Pointer. There are still several organisations to contact. M Pointer has received 3

abstracts for paper presentations.

### 93.09 Registered charity

JAFT and MBH circulated a draft of the M and A changed to accommodate charity status requirements. One change in the M and A that MBH outlined was that of the posts for Assistant Secretary and Assistant Treasurer. MBH has changed the posts to Membership Secretary and Publicity Secretary. Both these posts would be for 5 years, removing the requirement of a special resolution at the AGM.

The Committee were asked to read the drafts carefully and to provide comments to JAFT before the next meeting ready for discussion.

### 93.10 Programme 1992/93

3 February. 93  
Newton Meeting  
R Brocklebank will present the chain of office at the start of the meeting. Everything in hand.

3 March 93  
Colour in Architecture  
In hand. Both speakers confirmed.

31 March 93  
Colour in Archaeology  
All in hand.

19 May 93  
AGM and retiring chairmans address  
*The Organising Power of Colour* (summer visit to Cambridge combined). Lunch planned for 12.30.

### 93.11 New programme 93/94

6 October 93  
Displays meeting  
In hand. Venue City University. JAFT to secure speakers.

3 November 93  
History of Art  
National Gallery. Bridget Riley has accepted. Dr Hills is unable to attend. JDM is contacting Anthea Callan as a replacement.

1 December 93  
CIE Division 1 forum/discussion  
Venue City University. JAFT to consult J Verrill about this further and discuss with Françoise Vienot.

5 January 94  
Vision Meeting  
Venue Institute of Ophthalmology

2 February 94  
Colours of Objects  
Colour of Gems, Colour of Opals Jamie Nelson may have some ideas. JAFT to contact.

Early March 94  
Joint SDC meeting  
Carlton House entitled Colour in Communication.  
No planning meetings have been held as yet.

2 March 94  
Colour in Education  
Venue City University. C Wood to organise.

10 -12 April 94  
AIC meeting, Cambridge

18 May 94  
AGM  
JAFT to approach the enameller. VAB to provide the name and address. Venue City University. Tea to be served at the end of the meeting.

22 June 94  
Summer Visit  
Colour Museum, Bradford. JDM to consult with Derek Byrne and Jim Watson about the day.

### 93.12 AOB

There was no other business.

### 93.13 Next meeting

The next committee meeting will be on 3 March 1993 at 11.00 in the Large Conference Room, Sainsbury's Wing, National Gallery, London. The booking is until 13.00 hrs only.

### ACTIONS

JDM  
Complete May meeting report  
Write to Dr Harrison  
Talk to SDC regarding Summer Visit.

JAFT  
Approach possible nominees for committee members  
Secure speakers for Displays meeting  
Talk to J Verrill about CIE Division 1 forum  
Contact J Nelson regarding Colour of Objects meeting  
Contact Paula Alessi again.

VAB  
Estimate gain on becoming charity.  
Provide name and address of enameller for JAFT

COLOUR GROUP (GREAT BRITAIN)

Minutes of Committee meeting number **271**

MBH

Send Dr Harrison - Advancement of Colour

ALL

Send suggestions of speakers and topics for joint  
SDC meeting on Communications to VAB.

Read through draft M and A and send comments  
to JAFT before meeting.

**Meeting 272 Wednesday 3 March 1993**

Minutes of the 272nd committee held on 3 March 1993 at 11.00, National Gallery, London.

**Present:** Dr J D Mollon(chair), Dr P M Forsyth, Dr J A F Taylor, Miss M B Halstead, Dr J Hutchings, Miss R A Nath, Ms L Reynolds, Mr A Trend.

**93.14 Apologies for absence**

Received from VAB, CW, and JaDM

**93.15 The minutes of the 271st meeting**

Amended as follows: 93.02 Trevor Lamb

They were then signed.

**93.16 Matters arising**

There were no matters arising

**93.17 Finance**

The accounts are now with Jackson and Grimes. Insurance for the badge of office (valued at £425) will be £20 a year. The committee agreed that VAB should go ahead with the insurance.

The Royal Society invoices have been passed to VAB for payment. The charges were less than expected. It was agreed that the event went well.

JAFT to obtain details of VAB's calculations of financial gain on becoming a charity.

**93.18 Membership**

There were no new members.

MBH reported two deaths: W Sproson and Wendy Light. MBH has received a draft obituary for Bill Sproson from Bill Taylor. This will be published in the newsletter once final modifications have been made.

MBH asked PMF to put a general reminder in the newsletter about subscriptions.

Dr Harrison has sent a letter to MBH thanking her for the book. Dr Harrison has accepted nomination for Honorary Membership. This will be put to the next AGM.

**93.19 Editorial**

PMF asked that JDM complete the May 92 meeting report for the next newsletter. Details of costs for the AIC meeting in Budapest will be printed again, together with the calling notice for nominations for the committee.

**93.20 Committee officers/members**

John Mellerio, Jim Bowmaker and Anya Hurlbert have agreed to stand for election onto the committee as ordinary members. RAN, JBH and JaDM will be resigning.

All officer posts are now organised. 93.21 AIC

a) Paula Alessi is unable to give a keynote lecture at the AIC 1994 meeting. The committee suggested that Roy Burns should be approached. JAFT to follow up.

The CIE may consider having a Division 1 meeting at Cambridge following the AIC meeting.

b) At the AIC meeting in Budapest this summer there will be a meeting of the individual group chairmen. The Colour Group should be represented. JBH and MBH will both be there. JDM asked that the representative raise a question regarding the reduction of registration fees for Colour Group members.

MBH has not been receiving mail from the AIC, although she is the British representative, JAFT will write to V. Trigt to ensure that MBH receives AIC information.

**93.22 Registered charity**

The Memorandum section of the draft new M & A of Association was discussed in detail. Some changes were made. JAFT will redraft and circulate ready for the next meeting.

**93.23 Programme 1992/93**

3 March 93

Colour in Architecture

Bill Alsop has pulled out due to business. JAFT will bring tea forward to 3.15pm. JDM will try to get a discussion going on how/why buildings should be coloured.

31 March 93

Colour in Archaeology

All in hand. 13 registered so far. Prof Harris from Institute of Archaeology will be asked to chair part of the meeting. JBH will notify JDM of arrangements.

19 May 93

AGM and retiring chairmans address

The Organising Power of Colour '(summer visit to Cambridge combined). Lunch planned for 12.30. AGM at 2.00 pm. JDM will give demonstrations and lecture. Staff from JDM's department will give further demonstrations. Tea will follow.

**93.24 New programme 93/94**

6 October 93

Displays meeting

In hand. Venue City University. JAFT has approached three organisations to give papers on virtual reality systems and colour animation. The NPL Colorimetry and Spectrophotometry Club have expressed an interest in this meeting. It may be held jointly as a one day meeting.

3 November 93

History of Art

Bridget Riley has accepted. Anthea Callan is unable to speak at this meeting. The National Gallery have cancelled the groups booking due to difficulties in accommodation. JAFT is currently trying to secure a room at the Tate Gallery. JAFT will ask J Townsend if she can recommend a suitable speaker for the afternoon.

1 December 93

CIE Division 1 and 2 forum/discussion Venue City University. JAFT has spoken to F Vienot, who is happy to give a talk. Other topics for discussion were agreed (with the committee: Colour Measurement (including daylight simulators and fluorescent materials) and Supplementary systems for photometry (2 speakers). JAFT to contact those concerned.

5 January 94

Vision Meeting

Venue Institute of Ophthalmology.?

2 February 94

Colours of Natural Objects

JAFT has contacted J Nelson and secured a paper on Colour Measurement of Gemstones. In addition Dr E Rollin has agreed to talk on colour and reflectance measurements of rocks and minerals. JAFT has written to the National Institute of Agriculture and Botany to secure a speaker on Colour Classification of Plants. JD suggested that if a further speaker is required then Peter Parks should be considered.

Early March 94

Joint SDC meeting at Carlton House

Colour in Communication No planning meetings have been held as yet.

2 March 94

Colour in Education

Venue City University, C Wood is currently approaching possible speakers.

10-12 April 94

AIC meeting

Cambridge

18 May 94

AGM

JAFT still has not approached the enameller. VAB to provide the name and address. Venue City University. Tea to be served at the end of the meeting.

22 June 94

Summer Visit

Colour Museum, Bradford. JAFT to write to SDC to organise lunch. Lunch planned from 12.30pm. A representative should be at the lunch to give a short talk about their work. Museum visit will follow for about 2 hours.

**93.25 AOB**

Imperial College have asked for our VAT number. RAN will write back changing contact name and address.

AT asked if the group had a registered trade mark. He was told that there was not a mark AT will find out about costs etc for a future discussion.

**93.26 Next meeting**

The next committee meeting will be on 5 April 1993 at 11.00 in the Dame Alice Owe Building, TCU, London.

**ACTIONS**

JDM

Complete May meeting report.

JAFT

Secure speakers for Displays meeting.

Obtain calculations from VAB on charity status gain.

Approach Roy Burns regarding keynote lecture for AIC 1994

Write to Van Trigt about MBH.

Redraft M&amp;A with changes.

JAFT approach J Townsend for possible speaker November 93 meeting.

Contact speakers for December meeting.

Write to SDC to organise lunch for Summer visit.

VAB

Provide name and address of enameller for JAFT

RAN

Write to Imperial College.

JBH

Notify JOM arrangements for chairing March 31 meeting

ALL

Send suggestions of speakers and topics for joint SDC meeting on Communications to VAB.

**Meeting 273 Monday 5 April 1993**

Minutes of the 273rd committee held on 5 April 1993 at 11.00, City University, London.

**Present:** Dr J D Mollon(chair), Dr P M Forsyth, Dr J A F Taylor, Miss M B Halstead, Dr J Hutchings, Miss R A Nath, Mr A Trend.

**93.27 Apologies for absence**

Received from VAB, JaDM, LR

**93.28 The minutes of the 272nd meeting**

Accepted and signed.

**93.29 Matters arising**

There were no matters arising

**93.30 Finance**

RAN reported on behalf of VAB, and tabled the accounts returned from Martin Grimes. A creditor is itemised to allow for postage and newsletter charges due but not yet submitted.

The committee noted three features on the accounts statement:

- a) an increase in postage and newsletter costs. This may be due to increased membership.
- b) an increase in bank charges and auditor fees. It was felt that VAB should seek an explanation.
- c) the Granville kind is shown as exactly £6000. The committee thought that the total should show capital plus interest less the costs of teas. In future it would be desirable to show the Granville figures separately.

**93.31 Membership**

MBH reported 4 new ordinary members  
Michael Cook - retired from BBC TV  
J W Evans - Optometrist  
Ruth Seebrook - DRA Malvern  
A J Walkden - GEC

These were admitted.

MBH reported that 53 ordinary members and 11 Patron members have not paid their 1993 subscriptions. One of the Patron members has formally resigned. MBH will write individually to all the defaulters.

Mrs Tsushima (admitted in February) has not received a newsletter. PMF will send her back copies.

**93.32 Editorial**

The next newsletter will contain a meeting report for the archaeology meeting, an obituary for Bill Sproson, Annual Report of the NIC, the AGM agenda, the Annual Report of the CG and an advert for a summer student at BT.

**93.33 Annual report and agm**

JDM outlined a programme for the AGM and visit to Cambridge. JAFT will provide an AGM agenda for the newsletter.

The Annual Report was discussed and corrections made.

There has been an additional nomination for ordinary committee members over and above those put forward by the committee. This means that there will be a election. JAFT will provide ballot papers in accordance with the M&A.

**93.34 AIC**

AIC congress - J Hutchings has been proposed to chair an afternoon session at the congress. MBH is still not receiving information on the AIC. Any committee member receiving information should circulate to the rest of committee.

AIC 1994 - JAFT has contacted Roy Burns inviting him to give a keynote lecture. She has received no reply as yet.

**93.35 Registered charity**

PMF has contacted someone at City who can transfer information from 3" to 3.25" discs. Unfortunately they are in hospital and unable to do anything at the moment. JAFT will try to get the transfer done at NPL.

The committee worked through a small section of the Articles of Association. MBH will type up the amendments/changes.

**93.36 Programme 1992/93**

31 March 93

Colour in Archaeology

There were 46 paying quests and the meeting was very successful.

19 May 93

AGM and retiring chairmans address

*The Organising Power of Colour* (summer visit to Cambridge combined). Lunch planned for 12.30.

AGM at 2.00 pm. JDM will give demonstrations and lecture. Staff from JDM's department will give

further demonstrations. Tea will follow.

**93.37 New programme 93/94**

6 October 93

Displays meeting

In hand. Venue City University. JAFT has approached three organisations to give papers on virtual reality systems and colour animation. The NPL Colorimetry and Spectrophotometry Club working party for displays has expressed an interest in this meeting. It will now be a full day meeting. PMF to check booking for all day.

3 November 93

History of Art

Bridget Riley has accepted. Venue Tate Gallery. Joyce Townsend suggested Roy Perry could give a talk on colour change in Mark Roscoe paintings. JAFT to contact him.

1 December 93

CIE Division 1 and 2 forum/discussion

Venue City University. This will be a joint meeting with the NIC. They have offered to pay for tea. JAFT to follow up.

5 January 94

Vision Meeting

Venue Institute of Ophthalmology

2 February 94

Colours of Natural Objects

3 papers secured.

Early March 94

Joint SDC meeting at Carlton House

Colour in Communication. No planning meetings have been held as yet.

2 March 94

Colour in Education

Venue City University. C Wood is currently approaching possible speakers

10 -12 April 94

AIC meeting

Cambridge

18 May 94

AGM

JAFT has approached the enameller but had no answer as yet.

22 June 94

Summer Visit

Colour Museum, Bradford. JAFT has written to Jim Watson regarding possible lunch and arrangements. In reply, SDC have said that Mr

Peter Smith will be President and would be happy to welcome the group on the day. JDM to chat to SDC further at their Annual Dinner.

**93.38 AOB**

JH suggested that Tony Lewery might be a suitable speaker in the future on Colour in Canal Boats.

The AVA has asked the group to publicise the Dalton meeting in 1994.

**93.39 Next meeting**

The next committee meeting will be on 19 May 1993 at 11.00 in Emmanuel College, Cambridge.

**ACTIONS**

JDM

Chat to SDC regarding summer visit

JAFT

Contact speakers for Dec meeting

Provide AGM agenda and ballot paper

Organise transfer of M&A from 3" to £25 " discs

Contact Roy Perry

VAB

Seek explanation regarding increase in bank and auditing charges

MBH

Write to membership defaulters

Redraft M&A

PMF

Send back copies of newsletter to Miss Tsushima

Check booking for October meeting

**Meeting 274 Wednesday 19 May 1993**

Minutes of the 274th Committee held on 19 May 1993 at 11.00, Cambridge University.

**Present:** Dr J D Mollon(chair), Dr P M Forsyth, Dr J A F Taylor, Dr V A Barbur, Miss M B Halstead, Dr J Hutchings, Ms L J Reynolds, Mr A Trend.

**93.40 Apologies for absence**

Received from JaDM, CAW and RAN

**93.41 Minutes of the 273rd meeting:**

The following changes were made

93.31 Mrs Tsushima

93.38 Folk Art replaces Colour in Canal Boats  
Actions: to 3.25" discs

The minutes were then accepted and signed.

**93.42 Matters arising**

There were no matters arising

**93.43 Finance**

The accountants have raised a query concerning the signing of cheques in advance by the Chairman. Martin Grimes has said that it should be formally minuted that the Committee accept this process, or they should find an alternate method. The Committee agreed that in the future whilst the Secretary and Treasurer are both at Kodak, it would seem wise not to write cheques in advance. When circumstances change then the system will be reviewed.

Martin Grimes still recommends that the Group should pay Nett interest on Building Society accounts.

VAB has paid the insurance policy on the Chain of Office.

VAB had been asked to look into the rise in Bank and Auditing charges. She reported the following changes:

	Was	Now
Annual return fee	£25	£32
Bank charges	£42	£55
Audit fee	£155	£195
Change of Directors		£40
Postage		£6

In addition there was a change in basic VAT charges. The Committee resolved to keep a close

watch on these charges. VAB will make a few comments at the AGM.

**93.44 Membership**

MBH reported that there were no new members

MBH reported that 49 ordinary members and 10 Patron members were written to personally regarding their subscriptions. 50% of the Ordinary members replied. The following members were lapsed:

Dr K Bazargan, Dr M J Bide, Mr P J Dimes, Mr N Eastaugh, Mr G C Evelin, Mr J Hollingworth, Mr G A Hughes Dr A Knowles Dr J E Marshall, Miss V Millar, Dr J H Nobbs Mr S H Redburn, Dr J H Xin.

**93.45 Editorial**

PMF has handed over all necessary information to JAFT for the next generation of the newsletter. The next newsletter will not be issued until after the summer committee meeting.

D Travis has written a letter to PMF asking him to publicise a BS committee on the Ergonomics of Displays. JAFT will write to him expressing the committees interest and will put the letter in the next newsletter.

**93.46 Annual report and AGM**

JAFT has received just over 30 ballot papers by post for the Ordinary Members appointment.

JAFT has not begun the change of directors process since the details are not clear cut. This will be done later this month.

**93.47 AIC**

Van Trigt has replied to JAFT letter regarding circulation of information to MBH. It appears that when the Treasurer was changed so was the mailing name and address. Van Trigt has VAB as the contact name now.

AIC 1994 - Roy Burns has agreed to give a keynote lecture at the meeting. There have been 8 abstracts received and a further 4 papers possible, which makes the programme full for the two days. MRP and JAFT intend to meet later in the year to discuss more domestic details.

**93.48 New programme 93/94**

6 October 93

Displays meeting. In hand  
Venue likely to be the Senate Suite, City

## COLOUR GROUP (GREAT BRITAIN)

University. This will be a full day meeting. PMF to check booking.

3 November 93

History of Art

Bridget Riley has accepted. Venue Tate Gallery. JAFT still to receive confirmation from Roy Perry.

1 December 93

CIE Division 1 and 2 forum/discussion

Venue City University. This will be a joint meeting with the NIC. JAFT still to follow up speakers.

5 January 94

Vision Meeting

Venue Institute of Ophthalmology. The meeting will take a molecular biological theme.

2 February 94

Colours of Natural Objects

Jamie Nelson has backed out. JDM will let JAFT know of a further possible speaker.

Early March 94

Colour in Communication

Joint SDC meeting at Carlton House. No planning meetings have been held as yet. This seems unlikely to take place.

2 March 94

Colour in Education

Venue City University. C Wood is currently approaching possible speakers. It was agreed by the committee that CAW could offer travel fares to speakers in the UK up to £50. Requirements for any larger sums should be put before the committee.

10 -12 April 94

AIC meeting

Cambridge

18 May 94

AGM

JAFT has approached the enameller but had no answer as yet. PMF will chase.

22 June 94

Summer Visit to Colour Museum, Bradford

The SDC are pleased to offer a lunch but in return the Group has been asked to donate to the Colour Museum. This seems reasonable, so we can charge our members a small fee for lunch and donate these proceeds to the museum.

### 93.49 AOB

1) George Palmer Bicentennial - JDM announced that the Drapers Co have offered the Group the

## Minutes of Committee meeting number 274

use of Drapers Hall and a hot luncheon for up to 200 people for free. This meeting will be the 1995 Vision meeting and the proposed date is 5 April 1995. The committee agreed that this meeting should go ahead.

2) The Patent Office provides advisory information on Trade Marks. JAFT to look into.

3) M Pointer has suggested that the NIC may take our £59 payment this year as only half a years subscription and following a similar payment next year lapse our membership. JDM suggested that this issue should be raised at the AGM.

### 93.50 Next meeting

The next committee meeting will be on 1 July 1993 at 14.00 at Dame Alice Owen Building, City University, London.

### ACTIONS

JDM

Supply speakers name for Colour of Natural Objects meeting.

JAFT

Investigate Trade Marks with Patent Office. Obtain meeting programme for December meeting

Complete displays meeting programme Write to D Travis regarding BS committee work on displays

MBH

Redraft M&A

PMF

Book October meeting

Chase enameller to see if he will talk at AGM 1994

**Meeting 275 Thursday 1 July 1993**

Minutes of the 275th committee held on 1 July 1993 at 14.00, City University, London.

**Present:** Dr P M Forsyth(chair), Dr J D Mollon, Miss R A Bath, Dr V A Barbur, Miss M B Halstead, Dr J A F Taylor, Dr J Bowmaker.

**93.51 Apologies for absence**

Received from AH, JM, LR

**93.52 Minutes of the 274th meeting:**

93.48 'know' inserted after 'JAFT'

The minutes were then accepted and signed.

**93.52A**

The following changes were made to the minutes of the 32nd AGM:

John Mellerio was added to the list of apologies for absence

1. 'Prof J Barbur replaces 'Dr J Barbur'

'scrutineers' replaces 'scruiteers'

9. 'Prof J Barbur' replaces 'Dr J Barbur'

10. 'reported' replaces 'reproted'

'...but currently pay the fee to support this group which in turn supports the CIE.' replaces '...but currently pay the fee to give support this group which intum supports the CIE'.

The minutes were then accepted and signed.

**93.53 Matters arising**

It was decided to waive Kodak's subscription as a Patron Member in view of their supporting two employees (VAB, RAN) to be officers of the group.

**93.54 Finance**

VAB reported the following amounts in the groups bank accounts and suggested that the Woolwich balance could be incorporated into the Nationwide account once the signatures of the new officers have been arranged.

Woolwich Building Society	£1,220
Nationwide Building Society	£25,335
Lloyds	£1,069

Outstanding bills to be paid:

April/May/Summer Newsletters	£480
Two Granville teas from City	£60

(approximately)

**93.55 Membership**

MBH reported the reinstatement of one ordinary member who had been lapsed at the 274th committee meeting:

Dr J H Nobbs - University of Leeds

A Miss P M Dalton, BTTG has applied to renew her membership but MBH does not know who she is. MBH to Investigate.

**93.56 Editorial**

The deadline for inclusion in the next newsletter is the end of July.

Newsletter costs: Applied Vision Research Department (City University) propose increasing the cost of production from £160 to £184 per issue. As there has not been a price rise for three and a half years, and as there are likely to be postage increases in the pipeline, there could be an impact on membership fees. In order to raise the subscription it would be necessary to call an EGM with at least 21 working days notice in writing. It was decided instead to raise the matter at the next AGM for introduction in January 1995, with any extra costs in the meantime being met from the group's capital.

Newsletter production: JAFT will in the short term continue to use the City University facility but will look into getting it printed at NPL with the Colour Group buying their own paper. At present she does not require any hardware to make producing the newsletter any easier, but the Committee would look favourably on the purchase of a laptop computer if it became necessary.

The meeting cards for 1993-4 have been printed at NPL and are ready to go out.

Dalton meeting 9 - 14 September 1994.

Copies of *Advancement of Colour* will now be available at £5.

The published proceedings of *Color 91*, held in Bulgaria June 3 - 5 1991 are now available at half price i.e. \$20 + \$20 postage.

The Swedish Color Group newsletter had been received by MBH.

**93.57 Annual return**

This is not yet with Companies House as some signatures are still needed.

**93.58 AIC**

AIC congress - J Hutchings had sent in some notes from the 7th Congress, held in Budapest from 14 - 18th June 1993, which were read out by RAN and then given to JAFT for inclusion in the next newsletter. About 200 people had been present, split between science and art/design, many of the latter being new. There are four new committees on colour. There is still a communication problem, with information being sent to national delegates but not then being disseminated within each country.

AIC 1994 - more papers have been offered (one from Germany on colour gamut, two from people working with Ronnier Luo) and Mike Pointer has set a new late deadline. The latest list from Mike has 10 papers plus 4 with no abstracts yet, plus Roy Berns as keynote speaker and Geoff Attridge as second keynote speaker. Mike has suggested that there is an AIC Committee meeting in Cambridge - if they arrive on Saturday they meet on Sunday, the meeting will have to be hosted and the Colour Group should pas

' for their lunch (8 people at £10 each, cost to be absorbed into the rest of the costings). As the Bartleson lecture has previously been part of its own symposium, it must be en) for Colour Group members wishing only to attend this to do so, and thus prices must be set for the day and the Bartleson Dinner. MBH to set up a meeting of the working party (MBH, JAFT, MP, John Hutchings)

Christina Burton, a US colour designer, has circulated through the ISCC a questionnaire about research on colour and suggested that other groups should do similarly so that world results could be put out the next time the AIC meets. Such a questionnaire should go out to the general membership.

**93.59 Registered charity**

MBH gave JAFT the latest version of the Articles of Association. There will be a special committee meeting in September, devoted specifically to this topic.

**93.60 Programme 1993/94**

6 October 93

Displays meeting at City University  
In hand. JAFT has four papers for the afternoon: Virtual reality/British Aerospace; GEC; Linda Reynolds; Gareth Edwards /Moving Picture Co. As yet there is nothing arranged for the morning

session on measurement and instrumentation therefore it may revert to a half day meeting. If it does turn out to be a full day meeting however, then lunch would need to be considered, and a booking form would have to be provided.

3 November 93

History of Art.

The title of Bridget Riley's talk is "The painters colour". She is concerned about addressing only a small audience and so it was decided to keep to just the one main speaker, and for JDM to contact Joyce Townsend at the Tate to see if the gallery would officially recognise the talk. Also at present an 80 seat room has been booked, but if possible a larger room will be secured.

1 December 93

CIE Division 1 and 2 forum/discussion  
Venue City University. Speakers so far are JAFT, J Verrill, D Palmer, P Trezona, F Vienot and R Luo.

5 January 94

Vision Meeting

Venue Institute of Ophthalmology, hosted by JB. It will be organised by JB and JDM around molecular biology. So far it is unplanned but this is not unusual, as it normally comprises recently completed and as yet unpublished research.

2 February 94

Colours of Natural Objects

Two papers have definitely been secured:

*Field Spectroscopy - measuring the colour of natural targets outside the laboratory*, Liz Rollin, Southampton University  
*Colour Description and Measurement in ornamental plants*, Elizabeth Scott

If there is no response from Peter Parkes then the meeting may be left as 2 speakers though PMF may have a possible speaker.

Early March

Eliminate from the programme as no planning meetings have yet been held. (Was to have been a joint SDC meeting at Carlton House entitled Colour in Communication)

2 March 94

Colour in Education, half day meeting  
Venue City University. C Wood is currently approaching three speakers - one each for primary and secondary education and a third to present an overall picture. As yet nothing is confirmed.

COLOUR GROUP (GREAT BRITAIN)

Minutes of Committee meeting number **275**

10 -12 April 94  
AIC meeting  
Cambridge. See 93.58

18 May 94  
AGM  
The enameller has not replied in writing to JAFT, having only agreed verbally to speak. JAFT spoke to Keith Seldar.

22 June 94  
Summer Visit to Colour Museum, Bradford.  
Nothing further to report since the last newsletter.  
RAN to follow up.

AH has offered to circulate the Colour Group's meeting details on CVNET and to an extended list of EMAIL users. As she is the UK centre for CVNET this would not cost the group anything. The Committee accepted her offer and will request she gives enough detail to arouse interest but not enough to make the newsletter redundant.

**93.61 New Programme 1994/95**

George Palmer Bicentennial - the correct date of 5th April 1995 was noted. Possible speakers that have been suggested are:

Dr Robert Withnall - Chemistry Department,  
University of Glasgow

Cheryl Porter - Art Department, University of  
Glasgow - Using Raman Spectroscopy to  
analyse pigments in manuscripts

Hamilton Kerr Institute, Cambridge -  
Restoration of paintings (could be a summer  
visit) Lanthony - Colour defects in artists

Tony Lewery - Folk art

**93.62 AOB**

Copies of the M&A were distributed.

**93.63 Next meeting**

8 September 1993 at 2pm in the Dame Alice  
Owen Building, City University.

**ACTIONS**

MBH  
Investigate membership record of Miss P M  
Dalton, BTTG  
Arrange meeting of the working party for AIC 1994

JAFT  
Investigate Newsletter being printed at NPL

Prepare latest draft of the proposed Articles of  
Association and M&A

JDM

Organise Vision Meeting for 5 January 94 with JB  
Contact Joyce Townsend at the Tate to see if the  
gallery would officially recognise Btiget Riley's talk  
on 3 November 1993

JB

Organise Vision Meeting for 5 January 94 with  
JDM

PMF

Investigate possible speaker for Colours of  
Natural Objects on 2 February 94

CW

Approach speakers for Colour in Education on 2  
March 94

RAN

Follow up Summer Visit to Colour Museum,  
Bradford on 22 June 1994

**Meeting 276 Wednesday 8 September 1993**

Minutes of the 276th Committee held on 8th September 1993 at 14.00 in the Dame Alice Owen Building, City University

**Present:** Dr P M Forsyth (chair), Dr J D Mollon, Miss M B Halstead, Dr J Bowmaker, Dr C A Wood.

**93.64 Apologies for absence**

Received from: Miss R A Nath, Dr V A Barbur, Dr J A F Taylor, Prof J Mellerio, Dr A Hurlbert, Ms L Reynolds.

**93.65 The minutes of the 275th meeting**

Accepted and signed.

**93.66 Matters arising**

AIC

The AIC working party had reviewed the cost and expected numbers for the AIC meeting. The new prices would be as follows:

Members £200.00 + VAT  
Non-members £220.00 + VAT

Day Rate

Members £40.00 + VAT  
Non-Members £50.00 + VAT

For booking purposes, the expected numbers would be reduced to 60, this would incur a financial penalty.

MBH reported that she no longer received any circulars from the AIC. As she assumed it went to the registered contact person she requested that VAB passed on any AIC information.

**NEW MEMBERS**

There are 6 new members, all of which were approved.

**MEETINGS**

Bridget Riley has withdrawn from the November meeting. There will be two speakers on colour pigments in illuminating manuscripts.

Mr Mudd, the enameller, who has been invited to speak at the AGM has requested £295 fees + expenses. He has also moved to Norfolk. It was agreed that the Group should write back saying we cannot afford the fees and can offer up to £50 for expenses, and with this in mind would he still be happy to speak.

Alternative speakers were suggested:-  
David Bomford of the National Gallery, and  
M. Lanthony.

**93.67 Registered charity**

Further progress was made on the Articles of Association.

**93.68 New programme 1993/94**

Oct: A full days programme has been organised.

Nov: See 93.66.

Dec: Teresa Goodman is contacting speakers. JAFT is requested to supply NIC with publicity in time for them to circulate it.

Jan: A full days programme is being arranged including, David Hunt and 1 or 2 of his students  
Brian Boycott  
2 papers from Reelee  
1 paper from Cambridge

Feb: in hand

Mar: in hand

Apr: See 93.66.

May: See 93.66.

**93.69 AOB**

Notice to JAFT, AIC AGM on 24th November should be noted in Newsletter; Colour Group members are entitled to attend.

**93.70 Date of next meeting**

The next committee meeting will be on 3rd November at 14.00 at the Tate Gallery. If necessary an emergency meeting will be held on 6th October.

**ACTIONS**

JAFT  
book Committee room at Tate for 3rd Nov.

MBH  
send JAFT details of AIC AGM for Newsletter.

JAFT  
send NIC publicity of Dec meeting for circulation.

CAW  
obtain copy of memoranda & articles of association from UI.

VAB  
circulate AIC information.

**Meeting 277 Wednesday 3 November 1993**

Minutes of the 277th committee held on 3 November 1993 at 14.00, Reading Room, Tate Gallery, London.

**Present:** Dr P M Forsyth(chair), Miss R A Nath, Miss M B Halstead Dr J A F Taylor, Dr J Bowmaker, Ms L J Reynolds, Mr A G Trend, Dr A Hurlbert.

**93.71 Apologies for absence**

Received from JM, VAB, JDM, CW

**93.72 The minutes of the previous meeting**

Accepted and signed.

**93.73 Matters arising**

There were no matters arising.

**93.74 Finance**

This item was postponed until VAB could be present.

**93.75 Membership**

Two new ordinary members were accepted as members:

Jackie Richardson - studying for PhD at University of Surrey)  
Mr John Rogers -Spectracol Ltd, Leeds.

**93.76 Editorial**

Any items for inclusion in the newsletter would be most welcome, either as a WordPerfect 5.1 or any ASCII file or on paper. Future newsletters may include the contents of other journals as well as Color Research and Application.

JAFT has received an invoice from the xeroxing section at NPL for £1.20, which seems rather low. She says that as no invoice has been received for the summer newsletter its cost can be written off, but we should expect to be billed more realistically for the October newsletter.

AH will advertise the groups existence and programme of meetings on CVNET. The Newsletter of the Colour Society of Australia has been received.

**93.77 AIC matters**

AIC, Cambridge 10 - 12th April 1994 - this meeting is in hand, with 13 papers. There will be an AIC Committee meeting in Cambridge on Sunday 10th with some of its members

arriving on the Saturday. JAFT has had printed 2000 copies of a two colour triptych - to be distributed with the next newsletter, as an extra mailing from NPL and by the RPS. The next meeting of the working party (MBH, JAFT, MP, John Hutchings) will be on 25th November 1993 at 3pm, City University.

AIC 1995 Interim meeting is to be organised by the Swiss Pro Colore Group, entitled *Colour and Design*.

MBH stated that she is not suitable to be the AIC representative as she does not have such facilities as a fax or answering machine. VAB had asked for it to be stated that she does not know if she is the registered contact for the AIC - she only pays the bin However Van Trigt has decided that the person who pays the bill should be the registered contact, see minute item 93.47), so VAB will receive information but should pass it on to JAFT.

**93.78 Registered charity**

Postponed to a future meeting. The latest draft of the Memorandum of Association has been circulated.

**93.79 Programme 1993/94**

3 November 93  
Pigments in Manuscripts  
in hand.

1 December 93  
CIE Division 1 and 2 forum/discussion  
Venue City University. There are 5 -6 speakers but so far no abstracts. The need for proper discussion was stressed. (JAFT)

5 January 94  
Vision Meeting  
Venue Institute of Ophthalmology, 10am to 5pm, organised by JB and JDM with 9 speakers. The mornings theme will be molecular biology. Registration will be free with a buffet lunch available for £10 including coffee.

2 February 94  
Colours of Natural Objects  
Two papers have definitely been secured and a third is being sought. Suggestions made were :-  
David Pye (a bat man) - JB  
The Zoological Society may be able to suggest a speaker - JAFT  
Tom Troscianko (Bristol) - PMF  
John Hutchings may know of someone working on salmon farming.

COLOUR GROUP (GREAT BRITAIN)

Minutes of Committee meeting number **277**

2 March 94  
Colour in Education  
half day meeting. Venue City University - in hand.  
10 -12 Anril 94 - AIC meeting, Cambridge. See  
93.77.

18 Mav 94  
AGM  
VAB had asked for Mr Mudd the enameller to be  
considered despite his high fee as he would be a  
very different sort of speaker to any we have had  
previously. JAFT had asked him to reduce his fee  
from £295 but has had no response. The meeting  
decided not to pursue the matter any further.  
Suggested alternatives :-  
David Bomford - chief conservator at the  
National Gallery, one of this years Darwin  
Lecturers - RAN  
Video of "Rembrandt and his paints" - seen by  
PMF during a visit to Amsterdam. PMF to  
investigate this and any other available  
videos.

22 June 94  
Summer Visit to Colour Museum, Bradford  
In hand. All they need is to know the numbers.

**93.80 New Programme 1994/95**

October 1994 - ??

November 1994 - Art meeting

December 1994 - The Institute of Physics have  
suggested a full day meeting on Printing,  
Packaging and Paper. JAFT

January 1995 - ?? - normally a full-day vision  
meeting, but may alter this as there will already be  
the Dalton (AVA, Manchester 9 - 13/9/94) and  
Palmer meetings.

February 1995

March 1995 -Postgraduate Contributions meeting

5th April 1995 - George Palmer Bicentennial  
meeting, organised by the Colour Group and  
sponsored by the Drapers' Company.

May 1995 - AGM, retiring Chairman's address  
(PMF)

Summer Visit - possibility of something organised  
by LR

Possible ideas for meetings :-

Cartography - MBH has received two contacts  
from John Adams. Firstly, The Convenor of the  
British Cartographic Society (special interest

group for map design) and secondly Graham Gill,  
Geographia Ltd, 105 - 107 Bath Road,  
Cheltenham, GL53 7LE (producers of A-Zs).

Jim Nobbs at Leeds University may have some  
ideas and speakers - RAN

**93.81 AOB**

Updates to the Committee Address list were  
noted.

There should be a call for applications for WDW  
Awards in January's newsletter (JAFT) and at the  
same time letters should be sent to institutions  
regarding the awards (RAN).

**93.82 Next meeting**

1 December 1993 at 11am in the Dame Alice  
Owen Building, City University.

**Meeting 278 Wednesday 1 December 1993**

Minutes of the 278th committee held on 1 December 1993 at 11.00, Dame Alice Owen Building, City University, London.

**Present:** Dr P M Forsyth(chair), Miss R A Nath, Dr V A Barber, Miss M B Halstead, Dr J Bowmaker, Mr A G Trend, Dr C A Wood.

**93.83 Apologies for absence**

Received from JM, LR, JAFT

**93.84 The minutes of the previous meeting**

Accepted and signed.

**93.85 Matters arising**

There were no matters arising.

**93.86 Finance**

The 1993 accounts will close on 17/12/93. VAB reported that at present (with no bills outstanding) the bank accounts stand at :-

Lloyds current account	£891
Nationwide	£25840
Woolwich	£1219

Lloyds has rationalised all of its business accounts to Upper Street, Islington but is still not going to levy any charges on the group. The safe box (containing 4 or 5 silver medals, the die and some documents) is still at Camden but may be moved to Islington as well after negotiations over who is responsible for it while it is in transit,

**93.87 Membership**

Two new ordinary members and one new patron member were accepted:

Dr Dirk Hertel - Technische Universitet  
Dresden  
Dr Robert Withnall - University College,  
London  
Oxford University Press

**93.88 Editorial**

No matters to report.

**93.89 AIC matters**

The meeting of the working party (MBH, JAFT, MP, John Hutchings) scheduled for 25th November 1993 did not take place, and has not yet been rearranged. The meeting notice has been circulated and at present replies are awaited.

**93.90 Registered charity**

Postponed to a future meeting.

**93.91 Programme 1993/94**

After the successful November meeting, Joyce Townsend has offered the Tate for another meeting.

1 December 93

CIE Division 1 and 2 forum/discussion

Venue: City University.

Robin Aldworth, President of CIE, sends his apologies for not being able to attend. There are as yet no abstracts available but it was hoped that JAFT might bring them directly to the meeting.

5 January 94

Vision Meeting

Venue: Institute of Ophthalmology, 10am to 5pm, all organised. Abstracts have gone to JAFT for inclusion in the Newsletter.

2 February 94

Colours of Natural Objects

A third paper (David Pye - UV reflectance of natural objects) has definitely been secured. Tom Troscianko is willing to talk but has no definite title. George July is willing to talk on the subject of the spectral reflectance of flowers but has no definite title. There is no news from the Zoological Society. Thus there are 5 people willing to talk, two without titles.

2 March 94

Colour in Education

Venue City University, .half day meeting. CW reported that two of the speakers have now been confirmed with a third to cover secondary education still under negotiation

Osborne - Colour in Higher Education  
Dr Selley (Kingston University) - Primary Education

10 -12 April 94

AIC meeting

Cambridge. MBH has had a communication from Robinson College, but nothing needs to be done until the New Year.

18 May 94

AGM

Possible choices are :-

David Bamford - chief conservator at the National Gallery, one of this years Darwin Lecturers. RAN to see if holding the meeting at the National Gallery would help induce him to speak. If so,

contact David Saunders about booking a room. PMF now has two videos "Rembrandt and his paintings" (from Amsterdam) and "Physics and Fine Art" (from the National Gallery). Also Joyce Townsend has a 30 minute Tate video which includes her work on Turner - the Colour Group cannot actually have its own copy but she could show it to the group.

22 June 94

Summer Visit to Colour Museum, Bradford  
In hand.

### 93.92 New Programme 1994/95

October 1994

half day displays meeting at NPL, organised by JAFT plus George Freeman and Andrew Hanson. JAFT to be consulted.

November 1994

Art meeting

John Hutchings is following up Tony Lewery on *Colour in Folk Art*. CW is finding out about the author of a new book *Colour in the King Arthur Tales*.

December 1994

The Institute of Physics, full day meeting on Printing, Packaging and Paper, venue to be arranged. JAFT

January 1995

Half day meeting on cartography.  
RAN to follow up three contacts: Firstly, Convenor of the British Cartographic Society (special interest group for map design); secondly Graham Gill, Geographia Ltd, 105 -107 Bath Road, Cheltenham, GL53 7LE (producers of A-Zs); thirdly R M Taylor (Royal Air Force Institute of Aviation Displays, Farnborough) who PMF heard talk on *Colour coding in information displays: heuristics, experience and evidence from cartography* at a NATO workshop in 1984. AT to follow up speakers from the large Ordnance Survey department in Southampton and from Geographical Information Systems in the University of Southampton. PMF to follow up a possible speaker from Edinburgh.

February 1995

Postgraduate Contributions meeting organised by AT

March 1995

John Hutchings proposes to organise a half day meeting on *Total Colour Appearance*, related to food. He has a book due out on this topic and

spoke on it at Budapest.

5th April 1995

George Palmer Bicentennial to be organised by JM and JB, sponsored by the Drapers' Company.

May 1995

AGM

retiring Chairman's address (PMF)

Summer Visit

possibility of visit to Hurn Airport, Air Traffic Control Displays, organised by LR

### 93.93 AOB

The timing of Committee meetings was discussed. It was felt by those members at work that having the November Committee and Scientific meetings in the afternoon (2pm and 4pm) left the morning free for work and made it easier to justify attendance. Careful consideration ought to be given to the timing of each meeting.

Previous WDW Awards were made in 1981, 1983, 1985, 1987, 1989 and 1991. The next Awards will be presented at the 1994 AGM. There will be a call for applications for WDW Awards in January's newsletter (JAFT) and at the same time letters will be sent to institutions regarding the awards (RAN). The amount of the award is to be discussed at the next Committee meeting.

MBH reported on NIC matters:-

i) There are likely to be large subscription increases in the future, with 7% proposed for 1994. This would take the cost to £63 for universities and £149 for co-operating societies.

ii) Both the treasurer (Ken Scott) and the president (Robin Aldworth) are now retired from Thorn Lighting and no longer have funding. The Board of Administration has decided that the income from the '1975 Fund' should for the present be used to support the treasurer and the president.

iii) Mike Pointer has resigned as Vice-chairman of MC. The Colour Group is entitled to two representatives on the NIC. Her seat on the Board of Administration ends in 1995 and it will be necessary to have a second rep by the AGM next year. This should be on the agenda next March or April.

### 93.82 Next meeting

26 January 1994 at 2pm in the Dame Alice Owen Building, City University.

**Meeting 279 Wednesday 26 January 1994**

Minutes of the 279th Committee held on 26 January 1994 at 1400hrs, Dame Alice Owen Building, City University, London

**Present:** Dr P M Forsyth (chair), Dr VA Barbur, Miss M B Halstead, Dr J Bowmaker, Ms L Reynolds, Mr A G Trend, Dr C A Wood.

**94.01 Apologies for absence**

Received from JDM, RAN, DAFT

**94.02 The minutes of the previous meeting:**

In 93.92 "Colour in the Mabinogion" was amended to "Colour in King Arthur's Tales". The Minutes were then accepted and signed.

**94.03 MATTERS ARISING**

Membership. A cheque had been received from Mr J Q Rogers and his application was therefore in order.

**94.04 FINANCE**

Provisional accounts were examined.

Newsletter costs: unforeseen savings were achieved in 1993 but normal costs are expected for 1994.

Granville teas: costs were higher than usual (£308.20) and exceeded income (£250). Interest rates are now low and the Tate cakes had been exceedingly good. A transfer from general funds was agreed to cover the shortfall.

Meetings: a debt of £120 outstanding on 31 Dec. has now been paid in 1994, making the true 1993 deficit £150.

AIC/NIC: Our sub. due Sept/Oct (at "organisation" rates) is underpaid £80 for 1991/2 and £140 for 1992/3. We would hope to be University status instead. It was noted that CIBS is our own member. Agreed that we settle last years sub. but refer the current year to the AGM: the case for and against to be made by MBH and JDM in the newsletter or AGM calling notice.

**94.05 MEMBERSHIP**

MBH will provide new membership list to RAN

Deaths: news of the death of Walter C. Granville on 13 Dec. was noted with sadness, as was that of Bill, H.L. Gloag (last June) and of Roger P. Best, late of ICS.

Resignations: F. Rumball, Dr. A.W. Landmann (Br. Leather).

Applications: Boycott, Davis (cheque awaited - Univ. of Surrey), Kim (Univ. of Leeds PG), Knight (Br. Leather), Med (Dep. of Education), Vissar (films).

Unpaid Patrons: Br. College of Optometrists, Rank Cintel Ltd., Textile Conservation Centre, GE Lighting.

**94.06 EDITORIAL**

Reviews suggested: *Food Colour and Appearance*, J.B. Hutchings, Chapman & Hall 1993; and *Review of Edwin Land's Essays* (OSA).

**94.07 AIC MATTERS**

Expo 96 Budapest announced: 11 May-4 Oct. Incorporates Colour and Light in Communication of the International Foundation of Colour and Light, to become International Centre of Colour Information and Colour Education (with museum).

AIC meeting 10-12 April: concern at low take-up - 8/11 applications received. Further publicity with details of papers suggested JAFT.

**94.08 REGISTERED CHARITY**

A further section of M&A was reviewed.

**94.09 PROGRAMME 1993/4**

2 Feb 94  
Colours of Natural Objects  
E. Rollin, E. Scott, D. Pye, (T. Trosciano withdrawn).  
Reports AGT, MBH, Ron Douglas.

2 March 94  
Colour in Education  
City University. Don Pavey suggested, or Mitchel/Pavey video.

18 May 94  
AGM  
David Bamford not available. Three videos available, 1x30m, 2 shorter. Possible Joyce Townsend (Tate) speak with video.

22 June 94  
Summer Outing Bradford  
In hand.

**94.10 PROGRAMME 1994/5**

5 Oct 94  
Displays  
JAFT

2 Nov 94

Art

JBH has supplied contacts - Tony Lewery, Canal Art; and Smith, Gypsy Caravan Art. American Museum?

OR - David Bamford, one talk only? - RAN

7 Dec 94

?????

4 Jan 95

Cartography

AGT, PMF, RAN

1 Feb 95

PG contributions

City Univ. WDW reports (lunch in Carvery, awards at AGM), research reports. AGT

1 Mar 95

Total Colour Appearance

Ask JBH to arrange

5 April

George Palmer

Continuing, JDM and JB

Summer Visit

West Drayton ATC or Hurn

LR

#### **94.11 WDW AWARDS**

To go in Feb Newsletter without closing date.

Discuss by AGM. RAN

#### **94.12 AOB**

Newton Lecture. Consider candidates. ALL

AGM nominations. AGT, LE - terms served.

MBH, membership, for re-election.

CA finishing. Could stand 1995/6, for treasurer 1996/7.

#### **93.13 NEXT MEETING**

Wed 2 March, 1100hrs, Dame Alice Owen Building, City University.

**Meeting 280 Wednesday 2 March 1994**

Minutes of the 280th Committee held on 2nd March 1994 at 11am, Dame Alice Owen Building, City University, London

**Present:** Dr P M Forsyth (chair), Miss R A Nath, Miss M B Halstead, Dr J A F Taylor, Dr J Bowmaker, Ms L Reynolds, Dr J Mollon, Mr A Trend, Prof J Mellerio, Dr C A Wood.

**94.14 Apologies for absence**

Received from VAB, AH

**94.15 Minutes of the previous meeting**

Amended then accepted and signed:-

Present "Dr J Bowmaker" to "Dr J Mellerio"

94.01 JB added to list of apologies

94.10 "1 Feb 95" to "1 Mar 95"

**94.16 There were no matters arising.****94.17 Finance**

The accounts are not yet available.

**94.18 Membership**

Two new ordinary members were accepted:

Dr E Rollin - Southampton University

Mr David Bramwell - Newcastle University

At present there are 50 ordinary and 11 patron memberships outstanding.

**94.19 Editorial**

The March Newsletter will go out in the next week.

**94.20 AIC matters**

AIC, Cambridge, 10-12 April 1994 - so far there are 34 registrations plus 4 other names. The breakeven point is 40 people. Those Committee members present at the dinner on Saturday 9th will be PMF (+ wife), MBH, JDM, RAN with 7 or 8 AIC people. The cost of the dinner will be about £300 and should be taken from the AIC account before it is amalgamated into general funds.

**94.21 Charity**

The next reissue of the draft M&A will be available by the next committee meeting.

**94.22 Programme 1993/4**

2nd March 1994  
Colour in Education  
in hand

10-12 April 1994

Images in Colour  
see 94.20

18th May 1994

AGM

MBH to speak for and against CIE subscription changes. Videos - National Gallery (30 min), Rijksmuseum (30 min), Joyce Townsend (25+ min). It was suggested that Don PAvey could be asked if he has any vidoes available that could be used should an emergency arise at any time in the years programme.

22nd June 1994

Summer visit

RAN to find out who to contact at the SDC concerning the deadline for final numbers.

**94.23 New programme 1994/5**

5th October 1994

Displays

one possible speaker through PMF

2nd November 1994

Art

RAN to send formal letter of invitation to David Bomford. RAN to write to Lanthony making up to £200 available to cover travel expenses.

Possibility of JPG Hill from Warwick speaking on Matisse. RAN to book National Gallery now.

7th December 1994

Paper and Packaging *Fluorescence and Colour* half day at City University. Two speakers each to be provided by the Colour Group and the Institute of Physics. JAFT has one already, on the NPL fluorescence spectrophotometer. RAN to see if someone from Resin Coating, Kodak would speak. PMF to book City.

4th January 1995

Cartography.

PMF to follow a contact at Bartholomews, Edinburgh. RAN to contact Taylor. AGT to contact Ordnance Survey. Topics to be addressed include why particular colours are chosen, and how they are controlled at production.

1st February 1995

Postgraduate contributions

AGT

1st March 1995

Total Colour Appearance

John Hutchings to arrange.

5th April 1995

George Palmer Bicentennial

JDM/JB. The Drapers Company are offering 150 free lunches. There will be registration for security purposes and for lunch numbers. Expenses will be available for an overseas speaker. The registration fee will be nil for students, £3 for members and £5 for non-members.

17th May 1995

AGM

retiring Chairman's address

Summer Visit

LR to organise. Probably to Hurn airport (Bournemouth) to see pseudo full colour operation.

#### **94.24 WDW Awards**

Three nominations received, sponsored by Keith Ruddock, Anya Hurlbert and David Foster. Abstracts circulated for consideration at the next Committee meeting. Dinner to be given to recipients on the day they receive their awards.

#### **94.25 AOB**

Committee nominations : Roy Osborne is to be approached by PMF at this afternoon's meeting to see if he will stand as Vice Chairman; Douglas McDougall, Gaby Jordan and John Gage to be asked by RAN if they are prepared to be nominated to stand for election to the committee.

#### **94.26 Next meeting**

2pm, Wednesday 30th March 1994 in the Dame Alice Owen Building, City University.

**Meeting 281 Wednesday 30 March 1994**

Minutes of the 281st Committee held on 30th March 1994 at 2pm, Dame Alice Owen Building, City University, London

**Present** Dr P M Forsyth (chair), Miss R A Nath, Miss M B Halstead, Dr J Bowmaker, Ms L Reynolds, Dr J Mollon, Prof J Mellerio, Dr A Hurlbert, Dr C A Wood.

**94.27 Apologies for absence**

Received from VAB, AT, JAFT

**94.28 Minutes of the previous meeting**

Amended then accepted and signed:-

94.22 "PAvey" to 'Davey', "vidoes" to "videos"

Meeting reports were signed by PMF for 1/12/93,5/1/94 and 2/2/94. It was decided that in future meeting reports should be signed in front of the members at scientific meetings.

**94.29 Matters Arising**

There were no matters arising.

**94.30 Finance**

The accounts are not yet back from the auditor. VAB to send them to JAFT by 6/4/94.

JAFT to produce list of ordinary, honorary and patron members.

**94.31 Membership**

One new ordinary member was accepted:  
Mr Adrian Ford - Westminster University

MBH to send out subscription reminder notices after the AIC meeting.

The Colour Group has 5 honorary members at present:

D Wright, J Holmes, A Mitchell, R Sinclair and V Harrison.

Action all committee members : consider names of further suitable people to be honorary members.

**94.32 Editorial**

MBH will give the 1993 AIC report to JAFT for inclusion in the newsletter.

**94.33 Programme 1993/4**

10-12 April 1994

Images in Colour

after 31/3 any late registrants must be referred to

PMF to check if Robinson College has accommodation available.

18th May 1994

AGM

the three Committee nominees are Gaby Jordan, Douglas MacDougall and Arthur Tarrant. MBH has produced about 2 A4 pages for inclusion in the next newsletter to set out the background for a discussion about CIE subscription changes. Three videos - in hand. Roy Osborne has agreed to be nominated as Vice-Chairman, though has said that he may possibly not be available for Wednesday morning Committee meeting. The committee felt that if this situation arose then it could be met. Through Audrey Mitchell it has been ascertained that Don Pavey does have videos available for "emergency use".

22nd June 1994

Summer visit to SDC

Calling notice in next newsletter.

**94.34 New programme 1994/5**

5th October 1994

Displays

Venue: Senate Suite, City University. Likely to be half-day meeting. JAFT to organise

2nd November 1994

Art

RAN to send formal letter of invitation to David Bomford. RAN to write to Lanthony making up to £200 available to cover travel expenses. National Gallery booked at cost of £30. No charge to be made for entry. National Gallery to supply tea and cakes. AH to write to Martin Kemp of St Andrews - he has a topic that might be suitable "Modelling Leonardo from Renaissance to Computers".

7th December 1994

Paper and Packaging *Fluorescence and Colour* half day booked at City University. RAN to see if someone from Resin Coating, Kodak would speak.

4th January 1995

Cartography

PMF has secured a speaker from Bartholomews, Edinburgh. RAN to contact Taylor.

1st February 1995

Postgraduate contributions

AGT

1st March 1995

Total Colour Appearance

Could ask Douglas MacDougall to arrange this

meeting. AH knows an Argentinian working at Leeds who might be suitable - Kirschbaum.

5 April 1995

George Palmer Bicentennial

JDM/JB. Should be something to report by July.

17th May 1995

AGM

retiring Chairman's address

Summer Visit

LR to organise. Nothing to report.

#### **94.35 WDW Awards**

The nomination sponsored by Anya Hurlbert has been withdrawn. The two recipients, Sergio Nascimento and Julie Wright, will each get £200. RAN to write to them and find out if they can attend lunch on 18/5 before the AGM. If so, RAN to invite David Wright to attend the lunch.

#### **94.36 Charity**

The fully amended version will be made available shortly.

#### **94.37 AOB**

None.

#### **94.38 Next meeting**

10.30am, Wednesday 18th May 1994 in A537 (a Committee room in the Senate Suite), Northampton Square, City University. Please enter by the entrance in St John Street.