

DRAFT: Sections for 2013 Secretary's Report

**THE COLOUR GROUP (GREAT BRITAIN)
REPORT OF THE COMMITTEE FOR THE YEAR ENDED 31 DECEMBER
2013**

Presented by the Honorary Secretary (Elza Tancheva)) at the 53st Annual General Meeting held at City University, London, on 7st May 2014.

COMMITTEE MEMBERSHIP

On 31 December 2012 the Committee of the Colour Group (Great Britain) consisted of the following:

Chairman:	Andrew Stockman
Vice-Chairman:	Dr Valerie Bonnardel
Secretary:	Prof John Mellerio
Treasurer:	Dr Vien Cheung
Membership:	Dr Caterina Ripamonti
Newsletter:	Mr Andrew Hanson
Awards Officer:	Prof Mike Pointer
Member:	Dr Carinna Parraman
Member:	Prof Jack D Moreland
Member:	Dr Hannah Smithson
Member:	Ms K Haller
Member:	Dr Marisa Rodriguez-Carmona
Coopted Member:	Ms Janet Best (promotion & publicity)
Coopted Member:	Prof Lindsay MacDonald (AIC delegate)
Coopted Member:	Dr Lynne Bartlett (creative design)

Following the 52st Annual General Meeting of the Colour Group (Great Britain), held on 1st May 2013 at City University the new Committee consisted of the following:

Chairman:	Dr Valerie Bonnardel
Vice-Chairman:	Prof Andrew Stockman
Secretary:	Dr Elza Tancheva-Burdge
Treasurer:	Dr Vien Cheung
Membership:	Dr Caterina Ripamonti
Newsletter:	Mr Andrew Hanson
Awards Officer:	Prof Mike Pointer
Member:	Dr Lynne Bartlett
Member:	Ms Janet Best
Member:	Dr Hannah Smithson
Member:	Ms Karen Haller
Member:	Mr Philip O'Reilly
Member:	Ms Marie Claude Cousin
Coopted Member:	Prof Lindsay MacDonald (to July2013)
Coopted Member:	Dr Marisa Rodriguez-Carmona (City Rep)
Coopted Member:	Prof John Mellerio (webmaster)

MEMBERSHIP

At the end of 31st December 2013 there were:

Ordinary Members:	205
Life Members:	44
Honorary Members:	12
Patron Members:	6
Cooperating Societies:	8

The total of individuals who are members was thus **267** as against **147** in 2012 an amazing increase of 82%.

ATTENDANCE

The number of people attending public meeting of the Group are shown in the table below:

DATE	MEMBERS	VISITORS	TOTAL
09 January 2013	26	31	57
07 February 2013			115
13 March 2013	12	31	43
10 April 2013			20
01 May 2013	15	9	24
09 October 2013	24	7	31
06 November 2013	31	18	49
04 December 2013	10	2	12
TOTALS 2013	118	98	351
<i>TOTALS 2012</i>	<i>124</i>	<i>106</i>	<i>375</i>
<i>means</i>	<i>19.7 (17.7)</i>	<i>16.3 (24.2)</i>	<i>43.9 (41.7)</i>

Over the year the average audience size was about 5% higher than the previous year. The attendance of members on average was also up by about 10%, thus showing a great improvement on the last year figures where the members attendance was reduced year on year by over 17%.

MEETING DETAILS

Wednesday 9 January 2013 COLOUR VISION MEETING, PALMER LECTURE AND CRS SPONSORED LECTURE, Institute of Ophthalmology, Bath Street, London EC1V 9EL.
Organiser: Andrew Stockman.

Declan McKeefrey, Bradford. *Identification of chromatic and luminance processing in the human retina using the ERG*

John Barbur, City University. *Palmer Lecture 2013: Genes, Rayleigh matches and colour thresholds – how well can one describe variability in human colour vision?*

Sophie Wuergler, University of Liverpool. *How invariant is neutral grey: effect of luminance, task and illumination*

Arthur Shapiro, American University, Washington, USA. *Cambridge Research Systems Sponsored Lecture 2013: Implications of separating colour and colour contrast: a model and related phenomena*

Maria Vanrull, Barcelona. *Colour vision for image understanding*

Ben Jennings, Aberdeen. *Chromatic and luminance inputs into high-level visual processing: psychophysical and electrophysiological results*

Christoph Witzel, Sussex. *Perceptual correlates of colour categorisation*

Andrew Stockman, UCL. *Isolating the S-cone response using silent substitution or long-wavelength adaptation reveals pathways with different temporal and spatial properties*

Thursday 7 February 2013 TURNER MEDAL LECTURE AND PRESENTATION, 2013 The Great Hall, City University London, EC1V 0HB.

Kaffe Fassett, London. *Glorious Colour*

Wednesday 13 March 2013 COLOUR CUES TO MATERIAL PROPERTIES The Pichette Auditorium, Pembroke College, Cambridge.

Marina Bloj, School of Life Sciences, University of Bradford. *Colour and shape interactions*

Bob Kentridge, Department of Psychology, University of Durham. *Deficits in processing the colour of surfaces and other material properties in cerebral achromatopsia*

Roland W. Fleming, Justus-Liebig-Universität Giessen. *Physics, Internal Models and the Perception of Material Properties*

Brad Pearce, Institute of Neuroscience, Newcastle University. *Surface Colour Constancy by Global Illumination Matching*

Rob Lee, Department of Experimental Psychology, University of Oxford. *Perceptual separation of changes in lighting and reflectance can be supported by specularities*

Dave Perrett, School of Psychology, University of St Andrews. *Skin colour cues to arousal and health*

Daniel Osorio, Neuroscience, University of Sussex. *Iridescence and the appearance of bird plumage*

Jim Harris, Ashmolean museum of Art and Archaeology, University of Oxford. *Polychromy and sculpture: using colour in late-Medieval and Renaissance Europe*

Followed by a Reception and Art Gallery tour and then dinner in College.

Wednesday 10 April 2013 COLOURS IN INDIA City University London, EC1V 0HB

Michel Albert-Vanel, École Nationale Supérieure des Arts Décoratifs, Paris

Founder and President of the French Federation of Colour

Valérie Bonnardel, Reader in Experimental Psychology, Humanities and Social Sciences, University of Winchester and Chair of the AP-NID Colour Research Lab

Wednesday 01 May 2013 AGM & CHAIRMAN'S ADDRESS College Building, City University London, EC1V 0HB

Andrew Stockman, University College, London. *Why are the new CIE colour matching functions "physiologically-based" and the old ones not?*

Monday - Friday, 8 - 12 July 2013 BRINGING COLOUR TO LIFE, 12th AIC 2013

INTERNATIONAL CONGRESS at The SAGE, Gateshead, Newcastle, with General Co-Chairs

Lindsay MacDonald (University College of London) and **Stephen Westland** (University of Leeds) was organised and sponsored by the Colour Group (GB).

A total of 538 participants attended the AIC 2013 Congress. People came from 48 different countries, from the five continents and the presented works and the follow-up discussions covered many different fields. The Programme co-chairs **Stephen Westland** (University of Leeds) and **Sophie Wuergler** (University of Liverpool) designed 20 oral sessions with parallel tracks including 140 talks. Moreover, they offered further 9 special invited symposia were organized. There were 290 in two different exhibitions over two days each, on three levels of the building. Chair of the poster sessions was **Vien Cheung** (University of Leeds). The congress Proceedings were published in English and consist of 4 volumes, total of 1834. The JUDD Award was presented to Roy Berns (Rochester Institute of Technology).

The social programme of the Congress was equally exciting and inspiring. The initial reception on 7th July was held in the Blagdon Hall, Northumberland, courtesy of Viscount Ridley and Anya Hurlbert (University of Newcastle) and the official opening reception was at the Hatton Gallery on 8th July. The Royal Northern Sinfonia performed on 9th July while the music was interpreted visually by the use of colour lighting. The following day delegates visited the historic city of Durham and went to the Lindisfarne Gospels Durham exhibition at which the full story of the Lindisfarne Gospels was explored for the first time. The official Congress Banquet was held on 11th July at Alnwick, Northumberland.

Sunday 14 July 2013 PHYSIOLOGY OF COLOUR, the introductory session of the 22nd symposium of the International Colour Vision Society sponsored by the Colour Group (GB). Winchester University, Hampshire, SO22 4NR.

Barry Lee, SUNY Optometry, New York, USA. *The primate visual pathways and color vision: a historical retrospect*

Dennis Dacey, Joanna Crook, Orin Packer, *Synaptic mechanisms for color coding in primate retinal circuitry*

Dingcai Cao, Barry Lee, *Rod and cone inputs to ganglion cells*

Paul R. Martin, Samuel G. Solomon, Chris Tailby, Alexander N.J. Pietersen, Soon K. Cheong, *Subcortical dispersal of S cone signals*

Soon K. Cheong, Paul R. Martin, Alexander N.J. Pietersen, Samuel G. Solomon, Chris Tailby, Natalie Zeater, *Interaction of colour signals and brain rhythms*

Qasim Zaidi, Robert Ennis, Dingcai Cao, Barry Lee, *Fast and slow processes in color neurophysiology*

Neil Harbisson, contemporary artist, composer and cyborg activist. *Hearing Colours: life with extra senses*

Reception, Great Hall, Winchester.

Thursday & Friday, 19 - 20 September 2013 IX CONFERENZA DEL COLORE Università degli studi di Firenze Italy. Joint meeting with the Colour Group (GB).

COLOUR AND MEASUREMENT / PRODUCTION. Colorimetry, photometry and colour atlas: method, theory and instrumentation.

COLOUR AND DIGITAL. Reproduction, management, digital colour correction, image processing, graphics, photography, printmaking, video production, artificial vision, virtual reality.

COLOUR AND LIGHTING. Metamerism, colour rendering, adaptation, colour constancy, appearance, illusions, memory colour, colour in extra-atmospheric environments, lighting design.

COLOUR AND PHYSIOLOGY. Mechanisms of vision in their experimental and theoretical aspects, deficiencies, abnormalities, clinical and biological aspects.

COLOUR AND PSYCHOLOGY. Phenomenology of colour, perceptive, emotional and diagnostic aspects.

COLOUR AND PRODUCTS. Foods and beverages, textiles, plastics, ceramics, paints, gemmology.

COLOUR AND RESTORATION. Archaeometry, painting, materials, diagnostics and techniques of conservation, restoration and enhancement of cultural heritage, coloring and architectural, syntax.

COLOUR AND BUILT ENVIRONMENT. Urban planning, plans of colour, architecture, territorial identities.

COLOUR AND DESIGN. Furniture, design, fashion, graphics, communication, packaging, lettering, cosmetics.

COLOUR AND CULTURE. Art, history, philosophy, aesthetics, representation and design, ethno-anthropology, geology, sociology, lexicology, semantics, anthropology of vision.

COLOUR AND EDUCATION. Pedagogy, colour's didactics, aesthetic education.

Wednesday 9 October 2013 AWARDS MEETING City University, London, EC1V 0HB
Lydia Whitaker et al, The CRS Sponsored Award Holder 2013, *Individuals with Autism Spectrum Disorders Benefit from the Addition of Coloured Tints when Discriminating Intensities of Facial Expressions*

Christoph Witzel et al, *Focal Colours as Perceptual Anchors of Colour Categories*

Yiting Duan et al, *Evaluation of Colour Effects on Knitted Fabrics using Marl Yarns*

Min-Ho Jung et al, *Objective Evaluation of Fabric Pilling Using Digital Image Processing*

Marjan Vazirian et al, *Effect of Background Colour on Monitor Characterization*
Melissa Olen et al, *Exploration of Alternative Print Methodology for Colour Printing Through the Multi-Layering of Ink*
Chrysiida Kitsara et al, (presented by Vien Cheung) *The Effect of Age on Observer Variability*

Wednesday 6 November 2013 BLUE LIGHT: BENEFITS, HAZARDS AND SENSITIVITIES
City University, London EC1V 0HB

John Mellerio, Colour Group (GB). *Introduction to Blue Light and the LED revolution*
Howard M Cooper, INSERM U846, Stem Cell and Brain Research Institute, Bron, France.
Non-Visual Responses to Blue Light

Anya Hurlbert, Institute of Neuroscience, Newcastle University. *Optimising the illumination spectrum for visual perception and preference : is there a bias for blue?*

Wednesday 4 December 2013 COLOUR GROUP CHRISTMAS CAPER The Colour Makes People Happy Store, 53 Grove Vale, London SE22 8EQ
Hands on session experimenting with spinning colour wheels, paint and such.

AWARDS

There were six applications for the Palmer Award 2013. The Committee anonymously reviewed all applications and agreed to award £300 to Five applicants were awarded £300 each. They attended AIC 2013. One applicant attending VSS received £500. Only two applications were received for CRS Award, but one award was made as one of the applicants also applied for the Palmer award. Even though the award was to be used to attend two difference conferences it was in **accord** with the policy that the same candidate cannot apply to both types of award in the same year. Moreover, Committee decided that in 2014 and afterwards to be eligible for a CG award the applicant must be a fully paid-up member of the CG.

At AIC 2013 there were poster prizes (cash and a certificate). Best poster (£150): Renata Pompas , *Color Trend Palette from Environmental Landscape*. 1st runner up (£100): Seyed Ali Amirshahi, Gregor Uwe Hayn Leichsenring, Joachim Denzler and Christoph Redies, *Color: A Crucial Factor for Aesthetic Quality Assessment in a Subjective Database of Paintings*. 2nd runner up (£50): Francesca Valan, *Colors for Children Spaces*.

FINANCIAL REVIEW

Investment and reserves policy

The Directors consider that the overall investment policy meets the objectives of the charity, balancing current income with expenditure to achieve the Group's aims. The investment policy is to achieve a balanced return between income and capital growth from a low level of risk. At present our investments are shared between COIF Charity Funds and a relatively high yield deposit account. Professional advice **has been** sought to enable the Directors' recommendations to be put into place so, the Directors recommend the following:-

1. The Group will seek to maintain a financial reserve of £80,000 which will be invested to maximise any return but at a risk level judged suitable for a charity reserve: any return will be classified as income and shown appropriately in the accounts
2. The remaining funds will be:
 - a) split into a float of some £5,000 or so to be kept as cash at bank in a current account
 - b) and the remaining part be placed in short term investments judged suitable for charities and be accessible for those expenses that necessarily occur every few months or on an annual basis
3. The sums allocated to the Awards will be reviewed and agreed annually before the Awards are publicised
4. The funding for continuation of the Teaching Fellowships will be reviewed annually.

This policy will allow:

1. Provision of income for continuing charitable operation and any associated administrative costs;
2. Provision for unseen contingency costs;
3. Compliance with UK charity and accounting law.

The Reserves Policy will be reviewed annually in conjunction with other policies. The Colour Group now has more funds than ever before due to legacies. The trustees' policy is to maintain the level of free reserves to ensure continued financial stability, allowing The Colour Group to meet its aims and objectives as they evolve in the future.

FUTURE PLANS

The Group will be continuing with its policy and strategy in undertaking meetings in support of and in collaboration with other organisations in all aspects of colour. These are open to members and non- members of the Colour Group.

Initiatives planned for the next five years include:

1. Continue on an annual basis to advertise and award travel grants to graduate research students to facilitate their attendance at international conferences.
3. Encouraging and producing occasional publications.
4. Organising and maintaining archives of the Colour Group on the website.

All these plans and initiatives are in place to ensure that the Group is fulfilling its role as an educational charity as is the provision of grants.

ACKNOWLEDGEMENTS

The committee would like to thank City University, National Physical Laboratory, UCL Institute of Ophthalmology, Pembroke College and the Colour Makes People Happy Store, Cambridge and Cambridge Research Systems for support during the year.