

(7) A clause has been added to give the Directors discretionary powers in accepting papers to be published in the proceedings of Symposia. This gives the Directors powers to arbitrate should a dispute occur.

At the General Meeting to be held at the VIIIth Symposium in Avignon we shall propose that those revised By-laws be accepted by the Group.

Jennifer Birch
David Wright
Guy Verriest
Marion Marré.

CONSTITUTION

- (1) The name of the Society is INTERNATIONAL RESEARCH GROUP ON COLOUR VISION DEFICIENCIES.
- (2) The object of the Society is :
 - (a) To promote the comparison and coordination of research on all colour vision deficiencies;
 - (b) To provide an opportunity for the various people and/or groups of people concerned with the scientific, industrial, and educational aspects of colour vision deficiencies to meet and become familiar with the problems of each other;
 - (c) To promote the comparison and when possible the standardization of methods of testing for these deficiencies, and also to establish norms which could be applied in the fields of vocational selection, toxicology, clinical ophthalmology and genetics;
 - (d) To assist in the dissemination of knowledge of colour deficiencies;
 - (e) To invite from the Members and others communications, written or oral, relating to colour vision deficiencies or to subjects connected therewith and to receive, hear and discuss such communication at meetings of the Research Group;
 - (f) To invite the exhibition of and to exhibit new, improved or other apparatus for research in colour, or in related subjects and any new or other experiments germane to the subject;
 - (g) To print or otherwise reproduce and publish and to sell, lend and distribute communications made to the Group or other papers, treatises, communications and publications of all sorts relating to colour or to subjects connected therewith and any reports of the proceedings and accounts of the Research Group and for this purpose to cause translations to be made including illustrations of any such papers, treatises or communications;

- (h) To promote, encourage and co-operate in the education of those who wish to be or are concerned with the scientific, industrial and educational aspects of colour vision deficiencies or in subjects concerned therewith;
- (i) From time to time to hold such meetings and organise such conferences, exhibitions and other activities as may be considered necessary or desirable to achieve the objects or any one or more of the objects of the Research Group;
- (j) To raise funds by solicitation, subscription or otherwise to carry out or assist in carrying out any object which the Research Group may deem worthy of support and to use and employ its own funds to carry out or assist in carrying out any such object;
- (k) To enter into any arrangement with any governing body that may seem conducive to the purpose of the Research Group and to obtain and carry out or exercise and to comply with such arrangements, rights, privileges or concessions;
- (l) To admit any person to be an associate or honorary member on such terms and to confer on them such rights and privileges as may seem expedient;
- (m) To establish by-laws and from time to time amend the same;
- (n) To affiliate with or make arrangements for mutual support and interchange of ideas with any association provided always that the association shall not carry on or engage in trade or business.

BY-LAWS

The Research Group is established for the purpose expressed in the constitution.

Article 1 - Membership

Membership is open to anyone interested in colour vision deficiency research.

Honorary Members: Honorary Members shall be those persons elected from time to time by resolution of the Research Group at the biannual general meeting. An Honorary Member shall be entitled to all rights and privileges of an Ordinary Member except that he/she shall not be required to pay a membership fee.

Patron Members: Patron Members shall be such corporations, companies, incorporated organisations and bodies who shall notify the Directorial Committee that they wish to support the Research Group and become Patron Members. Each Patron Member may designate an individual to represent it and such person shall have the same rights and privileges as an Ordinary Member.

Every Member, whether or not he/she has received a copy of the by-laws shall be deemed to have notice thereof and to be bound thereby.

Article 2 - Subscriptions

The subscriptions of Members shall be such sums, and shall be payable at such times, as shall from time to time be fixed by the Research Group. No Member who shall cease to be a Member, either by resignation or otherwise, shall be entitled to have any part of the annual subscription fee returned. All dues shall be paid no later than the 31st of December of each year.

Article 3 - Termination of Membership

Any Member may resign by depositing with the Directors a signed notice to this effect. Any Member who shall, in the opinion of the Directors, have wilfully acted in contravention of the By - Laws of the Research Group or who shall have been admitted as a Member as a result of false representation or who shall in the opinion of the Research Group have been guilty of such conduct as shall have rendered him/her unfit to continue to belong to the Research Group shall be liable to have his/her membership terminated if the Group shall so decide.

Article 4 - Meetings

The General Meeting of Members shall take place biannually to coincide with the symposia of the Research Group. If required, additional Meetings may be held by a decision of the Directors or at the request of ten Members. Notice for the meeting must be given at least six months before. The accidental omission to give notice of any meeting or non-receipt of a notice by any Member shall not invalidate the proceedings at the meeting.

At every meeting ten Members present in person at the commencement of the business shall be a quorum, unless otherwise expressly provided by notice to all the members.

The President shall preside as Chairman at every General Meeting of the Research Group and at every meeting of the Directors. If at any Meeting the President is not present within fifteen minutes after the time appointed for holding the meeting, or the President has previously informed that he/she will not be present, one of the secretaries will preside.

Every Ordinary Member and Honorary Member of the Research Group shall have a vote. At any Meeting a Resolution put to the vote shall be decided by hand. No Member is entitled to vote on any resolution unless he/she is in good standing in accordance with the by-laws. Proxy voting is not permitted.

Article 5 - Management and Election of Officers

The management and control of the Research Group shall be vested in the Directors. All Ordinary and Honorary Members shall be eligible for service as a Director. The Directors shall be constituted as follows:

President
General Secretary
Secretary and Treasurer to the Socialist Countries
Treasurer to the Western Hemisphere
Eight Ordinary Members
(12 members in all)

Additional members may be co-opted to serve on the Directorial committee for limited periods at the discretion of the Directors. If for any reason a vacancy occurs this can be filled by election at the next General Meeting.

Election of Directors: Election of the Directors shall take place every 4 years. Any Member of the Research Group so elected will hold office for 4 years and shall be eligible for re-election. Nominations for the officers and Ordinary Members of the Directorial Committee must be received in writing at a General Meeting of the Research Group. Such nominations must be clearly proposed and seconded. The election will then be carried out by written ballot of all the Members of the Research Group and the results of the election announced in the Newsletter.

Duties of Officers:

President: The President shall be responsible to the Members for ensuring that the actions of the Directors are in accordance with the constitution and by-laws of the Research Group.

General Secretary: The General Secretary shall be responsible to the Directors for administration and co-ordination of the affairs of the Research Group, those relating to finance excepted. The General Secretary shall be responsible for the Newsletter of the Group and shall act as editor for the proceedings of the symposia held by the Research Group. However, acceptance of papers to be included in the proceedings shall be at the discretion of the Directors.

Secretary-Treasurer to the Socialist Countries: The Secretary-Treasurer to the Socialist Countries shall be responsible to the Directors for administration and co-ordination of the affairs of the Research Group, including finance, within this geographical area.

Treasurer to the Western Hemisphere: The treasurer to the Western Hemisphere shall be responsible for the finances of the Research Group in this geographical area and shall arrange for a statement in the form of a balance sheet containing general particulars of the Research Groups liabilities and assets, and a statement of the income and expenditure, audited and signed by the auditor of the Group, or if there is no auditor, by two Directors, to be presented at the biannual meeting. The Group shall not exercise borrowing powers.

Removal of Officers: The office of a Director shall be vacated if he/she resigns his/her office in writing to the General Secretary or if he/she ceases to be a member of the Research Group.

Remuneration of Officers: All services of the Directors shall be honorary and without remuneration.

Article 6 - Alteration of the By-laws

The By-laws of the Research Group may be amended either on the recommendation of the Directors or on the request of 10 Members. A two-thirds majority of votes cast at a General Meeting shall be necessary to introduce new By-laws, or to amend or repeal existing By-laws. Changes in the By-laws can be made at any regularly scheduled meeting of the Research Group provided that proper notice of the meeting has been given and that copies of the proposed changes have been included with that notice.

Article 7 - Books and Records

The General Secretary shall maintain minutes of all meetings of the Directors and of the members and shall inform the members of any decisions reached in the Newsletter. The Secretaries and Treasurers shall maintain a list of fully paid-up members and receive and process all applications for membership. Books and records of the Group may be inspected by members at the office of the General Secretary during the bi-annual meeting.

AVIGNON PAPERS

This is a list of the paper titles received for the Avignon symposium. Letter S in the margin means that the summary has already been received; the other authors are asked to send it by return of mail to Dr. J. VOLA, 38 rue Jean-Mermoz, F-13008 MARSEILLE, France. The correspondence from the publisher will be addressed to the authors of whom the name is underlined. 10 means that a speaking time of 10 minutes is given; 5 means that a speaking time of 5 minutes is given; P means that the author is asked a poster presentation (discussed in the relevant session).

Please check carefully if authors, title, speaking time and session are correct. Send any correction of any mistake or omission by return of mail to Dr. VERRIEST.

You will observe that there are more papers than in Geneva, while there will be less speaking time because of the decision of the directorial committee to introduce 5 minutes discussion time after each 10 minutes paper. Soon you will receive notice of your lot of free pages in the Proceedings volume. I will do my best for solving these problems.

Guy Verriest.

Ageing and vision

- S R.A. WEALE (London) : Aging and colour vision (Invited paper) - 30
S H. KALMUS (London) : Decline of contrast perception with age - 5

Effects of intoxications on colour vision

- S W. JAEGER (Heidelberg) : Colour vision deficiencies caused by pharmacotherapy (Invited paper) - 30
S E. ZRENNER and J. NOWICKI (Bad Nauheim) : Cone interactions in drug-induced retinal dysfunctions - 10
R.G. ALKEN, A. JUNG and J. MEYER (Mainz) : Effect of single doses of digoxin and meprosillar in on various visual functions in normal trichromates at double-blind, placebo-controlled conditions - 10
R.G. ALKEN, U. GIEBELER-VITT, B. BOHNER, A. JUNG and J. MEYER (Frankfurt/Mainz) : Time-related spontaneous variation in the relative sensibility to red, green, and blue in normal trichromates - the need of placebo-controlled time-balanced study designs in the investigation of the effects of therapeutic doses of drugs on colour vision - P

- A. PINCKERS (Nijmegen) : Colour vision in patients suspected of intoxication - 10 - not on 26.6
- S. TANABE (Nagoya) : Color vision test with Standard Pseudo-isochromatic Plates Part 2 for ethambutol-induced optic neuropathy - 10
- S A. SERRA, C. DESSY, A. MOLARI, M. SIOTTO PINTOR, I. ZUCCA and A. MULAS (Cagliari) : On the assessment of visual impairment in drug-addicts, Color discrimination versus eye muscular performance - 10

Visual effects of intense lights

- S H.G. SPERLING (Houston) : Studies of selective cone damage resulting from intense spectral light exposure (Invited paper)-30
- K. KITAHARA, R. TAMAKI and H. HIBINO (Tokyo) : A case of blue-yellow defects induced by intense blue light - 10
- S J. BIRCH (London) : Colour vision changes following different types and amounts of argon laser photocoagulation in the treatment of diabetic retinopathy - 10

Physiological bases

- S H. KALMUS (London) : The evolution of primate colour vision, Facts and speculations - 10
- J.D. MOLLON and C.R. CAVONIUS (Cambridge/Dortmund) : The relationship between opponent colours theory and the chromatically opponent sites revealed by recent measurements of increment thresholds - 10
- M. AKITA (Kyoto) : Non-linearity of the chromatic opponent systems - P
- C. MAGIS (Paris) : Are colours a real vectorial space? - 5
- M.L.F. de MATTIELLO and A. GONELLA (Buenos-Aires) : Characteristics of contrast vision - 10
- P. BRAQUET, F. de FEUDIS, C. DEBY, N. BRAQUET and J.L. VOLA (Marseille) : Involvement of oxygen free radicals in pathologic processes - 10

Methods of examination

- S S.P. TAYLOR (Cardiff) : Viewing time, A neglected parameter in colour vision assessment? - 10
- S A.R. HILL and P.A. ASPINALL (Oxford/Edinburgh) : Frameworks for clinical decisions - 10
- S M. MÄNTYJÄRVI (Kuopio) : An evaluation of the Standard Pseudo-isochromatic Plates (SPP 1) in clinical use - 5
- K. ICHIKAWA, H. ICHIKAWA and Sh. TANABE (Nagoya) : A report on the ability of detection of Standard Pseudoisochromatic plates part 2 (SPP part 2) for acquired color vision defects - 10
- P. LANTHONY (Paris) : A tritan album - 5
- F. ZISMAN and A.J. ADAMS (Berkeley) : Screening functional color vision anomalies, A comparison of the City University and AO-HRR Tests on children - 10

- T. STEINSCHNEIDER (Jerusalem) : Evaluation of results obtained by the 28 hue test - 10
- K. KITAHARA, A. KANDATSU and H. KITAHARA (Tokyo) : An analysis of the F-M 100-Hue test for acquired blue-yellow defects - 5
- A. PINCKERS and G. VERRIEST (Nijmegen/Ghent) : Results of a shortened Lightness Discrimination Test - 10
- F. ZISMAN, K. SEGER and A.J. ADAMS (Berkeley) : Specificity evaluation of the Oscar color vision test - 5
- G. VERRIEST and A. UVIJLS (Ghent) : About the Oscar test - 5
- S P. HEARD, C. STONE, R. GREGORY and V. MARMION (Bristol) : A new computer graphics test for red-green anomaly - 10
- S M. PELIZZONE, R. MURI and A. ROTH (Geneva) : Photometric data for the Besançon Anomalometer - P
- A. ROTH and D. HERMES (Geneva) : Further studies on acquired colour vision deficiencies with the Besançon Anomalometer - 10
- H. KRASTEL, F. BOLLE and H. GEHRUNG (Heidelberg) : Further development of the LED anomaloscope - 10
- J. BIRCH, K. TERTIUK and F. NORTH (London) : Tritan screening with a modified TNO test - 10
- A. ADAMS, K. HUIE, B. SCHEFRIN, F. ZISMAN and G. BRESNICK (Berkeley) : A simple clinical test of blue cone sensitivity in early eye disease - 10 - Not on June 23
- K. HAMANO, T. MIYAMOTO, M. NAGAI, K. SAIKI and Y. OHTA (Tokyo) : Critical fusion frequencies with red, green and yellow lights for congenital and acquired colour deficiencies - 10
- F. VIENOT, F. BOUJARD and M. SCHOEFFTER (Paris) : An equipment to measure wavelength discrimination - P
- M. LUTZE, J. POKORNY and V.C. SMITH (Chicago) : Improved clinical technique for Wald-Marré functions - 10
- W.M. HART (St. Louis) : Color contrast perimetry - 10
- A. ADAMS, F. ZISMAN and G. JASTRZEBSKI (Berkeley) : A clinical ERG measure of B cone sensitivity - 10 - Not on June 23
- S R. FLETCHER (London) : Requirements for lantern tests - 10
- T. STEINSCHNEIDER (Jerusalem) : Color vision of babies by results of screening examination - 10

Congenital defects

- A. VINCKE (Brussels) : Application of a model to the evaluation of colour vision tests and to the design of instruments visualising the colour perception of dichromats - 10
- E. WOLF and H. SCHEIBNER (Düsseldorf) : Protanomalous opponent colour vision - 10
- P. SCHEUFENS and H. SCHEIBNER (Düsseldorf) : Colour matches of deuteranopes at mesopic and scotopic level - 10
- C. MAGIS (Paris) : A new analysis of spectral curves from Hsia and Graham - 10
- A. MAJIMA (Nagoya) : A case report of deuteranopia associated with ocular albinism, Subtype of Forsius-Eriksson syndrome - 10

Acquired defects

- A. HANABUSA, T. MIYAMOTO, S. NOYORI, M. NARUTO, K. SHIMIZU and Y. OHTA (Tokyo) : Central colour vision of aphakia and pseudo-phakia - 10

- C. CUNIN-MALEJAC, J. ROYER and A. ROTH (Geneva) : Colour vision in pseudo-phakic subjects -P
- A. KANDATSU, K. KITAHARA, R. TAMAKI and H. KITAHARA (Tokyo) : Rayleigh color matches in central serous chorioretinopathy - 5
- G.H. BRESNICK, BENZSCHAWEL and PALTA (Madison, Wisc.) : Hue discrimination loss in diabetes : relation to retinopathy severity - 10
- P. GASTAUD, J. VOLA, J.B. SARACCO and B. DE GALEANI (Nice/Marseille) : Diabetic dyschromatopsia, pathogenic hypothesis - 5
- M.A. JOHNSON, Y. CHEW and I.H. MAUMENEE (Baltimore) : Functional heterogeneity in cone dystrophy - 10
- R.W. MASSOF, J.S. SUNNESS and S.L. Fine (Baltimore) : Color vision changes accompanying age-related macular drusen - 10
- P. METGE and C. BONNEROY-MANDIRAC (Marseille) : La thésaurismose rétinienne à la canthaxanthine -bilan fonctionnel et coloré - 10
- W. JAEGER, Th. BERINGER and H. KRASTEL (Heidelberg) : Blue perimetry and visual electrophysiology in dominant optic atrophy - 10
- A. GONELLA and M.L.F. de MATTIELLO (Buenos-Aires) : Modulation transfer function in glaucoma - 10

Practical aspects

- S S.R. COBB (Glasgow) : Evidence for an effect by colour defect on school achievement - 10
- S J. LEID, V. LEID and P. MASSABIE (Pau) : The influence of diabetic dyschromatopsia on the interpretation of self-testing reagent strips - 10
- F. ZISMAN and A. ADAMS (Berkeley) : Influence of color vision deficiencies on home blood glucose monitoring - P
- G. VERRIEST, I. ANDREW and A. UVIJLS (Ghent/Winchester) : Visual performance on a multi-colour VDU of normal and colour-defective subjects. I. Colour naming - 10
- G. VERRIEST, I. ANDREW and A. UVIJLS (Ghent/Winchester) : Visual performance on a multi-colour VDU of normal and colour-defective subjects. II. Colour discrimination and conspicuity - 10.
- W. DE CORTE (Ghent) : Ergonomically optimal colours for colour defective CRT operators - 10
- S S.P. TAYLOR (Cardiff) : The X-chrom lens, Does it have any effect on colour perception of colour deficient observers? - 10

Moreover 2 papers of M. MARRE (Dresden)

MEETING OF THE IRGCVD DIRECTORIAL COMMITTEE

The members of the IRGCVD directorial committee (Birch, Jaeger, Lakowski, Marré, Mollon, Ohta, Roth, Smith, Sperling, Verriest, Wright and Zrenner), Vola (local organizer of the present symposium) and Massof (local organizer of the next symposium) will have to be present in the Popes' Palace (Salle de la Paneterie) in Avignon on Sunday June 23 at 4 p.m. for a pre-symposium meeting of the committee

AVIGNON
23-26 JUIN 1985



SYMPOSIUM



Avignon, 25 th January 1985

TO ALL MEMBERS OF I. R. G. C. V. D.

My Dear Colleague,

The 8 th Symposium of the International Research Group for Colour Vision Deficiencies (I. R. G. C. V. D.) will be held in Avignon in the Palais des Papes (Popes palace) from the twenty third to the twenty sixth of june 1985.

under the presidency of Professor W.D. WRIGHT and under the auspices of the I. R. G. C. V. D. and of the French Society of Physiological Optics.

The three main themas will be :

- 1° / Colour and Ageing of the Eye by the Professor WEALE of London,*
- 2° / Effects of Intoxications by the Professor JAEGER of Heidelberg,*
- 3° / Visual effects of intense light by the Professor SPERLING of Houston (U.S.A)*

The complete program of the communications and their abstracts will be published in due time.

To the great interest of this three exposed by prominent authors, the scope of which is both pratical and scientific, will be added the charms of enchanting excursions organised in one of the most beautiful region of France, where survive so many souvenirs of the Gallo-Romans and the medie - val periods, among landscapes of a rare classical beauty.

We expect your participation and your scientific competence to enhance the value of this manifestation and we welcome you in advance.

The local committee of organisation :

- . President Professor DUBOIS-POULSEN*
- . Vice President Professor VERRIEST*
- . Secretary-Treasurer Doctor VOLA*