

**AIG**

**NEWSLETTER 10**

**1995**



ASSOCIATION INTERNATIONALE DE LA COULEUR  
INTERNATIONALE VEREINIGUNG FUR DIE FARBE  
INTERNATIONAL COLOUR ASSOCIATION

**NEWSLETTER 10, 1995**

Edited by Roy Osborne

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International Color Association  
Association Internationale de la Couleur  
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REPORT OF THE SECRETARY / TREASURER TO THE EXECUTIVE COMMITTEE OF  
THE AIC, BERLIN SEPTEMBER 1995.

State of account in SF.

Assets January 1 1994	deposit	30795.17
	giro	<u>2466.65</u>
	total	33261.82

Interest from bank	815.95	
Subscriptions	<u>1975.--</u>	
Total	2790.95	
Expenditures	<u>1996.02</u>	
Net result	794.93	<u>794.93</u>
		34056.75

Assets December 31, 1994	deposit	31943.40
	giro	<u>2113.35</u>
	total	34056.75

Belgium has not paid its subscriptions since 1990.

Heeze, June 1 1995.

Dr. Kees van Trigt, secretary / treasurer AIC.

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## President's Report Year 28

THIS AIC NEWSLETTER is the second of the four expected between the two Plenary AIC Sessions: in Budapest (1993) and Kyoto (1997). As in the 1994 Newsletter, first of all I would like to congratulate the AIC Executive Committee Members and the Chairmen of the Study Groups for their uninterrupted effort in fulfilling their tasks, in excellent mutual harmony.

The AIC is fast approaching the end of its third decade. Its success is undoubtedly owing to the continued presence of outstanding personalities managing at the top. My self-consciousness has indicated to me the most appropriate way of going on: to continue to profit from the high level of past expertise, thereby benefitting its future leaders.

Accordingly, the AIC Midterm Meeting in Berlin (3-6 September, 1995), organized by AIC President emeritus **Dr. Heinz Terstiege** (who was awarded the *Judd/AIC Gold Medal* on this occasion), provided a bridge between classical and advanced colorimetry.

The past-President, **Dr. Alan Robertson**, who kindly contributed in various ways during the first year of the current quadrennium, has been inspiring also in the second year, in that I made a personal effort to pursue an initiative started by him with the co-operation of **Dr. Allan Rodrigues**: to encourage communication among the AIC Member Organizations and Observers, even beyond the occasion of annual AIC Meetings. Through the creation of subgroups of the AIC Study Groups, and with the co-operation of its Chairmen, several authoritative experts agreed to revise the draft Reports for speedy pre-processing. It would take too long to include all their names here; but they are globally acknowledged. I limit myself to citing the organizer of the AIC Congress in Budapest and past-EC Member, **Dr. Antal Nemcsics**. Moreover, I would like to acknowledge a proposal of another past-EC Member, **Mr. Paul Green-Armytage**: to utilize the Internet to evaluate on a world-wide scale the definitions of specialist terms of interest that have been the outcomes of the activity of a subgroup of the Environmental Colour Design Study Group. This will be an AIC task for the near-future, just waiting for the availability of this facility, and for the "motivated" student.

Vice-President **Prof. Mitsuo Ikeda** gave invigoration to the organization of the AIC 1997 Congress, to be held in Kyoto (23-30 May, 1997): two announcements have already been sent out; the latter, also distributed at the CIE Plenary Session in New Delhi (1-8 November, 1995), is particularly attractive for both its content and its appearance, its cover rich in promising "warm" colours, and surely rich in symbolic meaning. The distribution of tasks among members of the Kyoto Organising Committee guarantees a successful outcome.

Secretary/Treasurer **Dr. Kees van Trigt** is pursuing his invaluable contribution, representing the backbone or substrate of the AIC.

Let me now consider the Ordinary Members of the Executive Committee, in alphabetical order:-

**Ms. Paula Alessi** is engaged in various tasks: in addition to representing the AIC within the CIE, she is working to establish, evaluate, and preserve liaisons between the AIC and various organizations interested in colour; additionally, she has initiated a world-wide enquiry concerning Colour

Education at post-elementary level, with a view to future co-ordination of various initiatives; she is also issuing a statement describing the AIC goals and its activities.

**Mr. Roy Osborne** has been contributing to various Study Group subgroups (mainly in colour and art) and has been patiently revising the English language draft Reports of some of the subgroups. While editing the 1994 and 1995 Newsletters, he has been up-dating some points, and may liaise with Paula Alessi in the development of the Colour Education Study Group.

**Mr. Frank Rochow** has been very efficient, on the occasion of the AIC Midterm Meeting in Berlin, in assisting Prof. Terstiege.

Last but not least, **Dr. Lars Sivik**. There is a enthusiastic expectation as far as the AIC Interim Meeting in Gothenburg (Göteborg) is concerned, (15-18 June, 1996), and Sweden is an appropriate place to tackle the psychological aspects of colour, owing to the high level of interest in this subject demonstrated by the Swedish Colour Group. Just a few words to illustrate the complexity of the matter: in Budapest (1993), Dr Sivik had in mind a meeting on "Colour Meaning", next converted into "Colour and Psychology", but virtually modified into "Colour beyond Psychophysics" (see, for example, one of the ISCC Newsletters), or even "Colour and Psychology beyond Psychophysics" (see, for instance, the last issue of the Colour Society of Australia Newsletter), but in Berlin (1995), he confirmed the title finally chosen: "Colour in Psychology".

Finally, I would like to comment on the ongoing AIC Study Groups:-

*Study Group on Colour Education.* Chairman **Dr. Erik Melse**. The conclusion has been reached that the studies of Colour Education at elementary level have practically reached a "dead" point; Dr Melse completed a list of addresses of interested persons. In the meantime, Paula Alessi is performing an orientating enquiry into post-elementary Colour Education, and a number of draft Reports for various subgroups have been issued and pre-processed. Additionally, an invitation for an AIC Midterm Meeting in 1999, exclusively on the topic of Colour Education, has been proposed by the Korea Society of Color Study.

*Study Group on Environmental Colour Design (ECD).* Chairman **Dr. Leonhard Oberascher** is expected to chair a Symposium in Gothenburg, and an ECD Symposium in Kyoto is planned for the 21st century. Various subgroups have been activated within the ECD and draft Reports are available on diskette.

*Study Group on Visual Illusions and Effects.* Chairman **Prof. Osvaldo da Pos** is expected to chair two Symposia, one in Gothenburg and the other in Kyoto. Subgroup activities are in a fairly advanced state, and Reports are available on diskette.

The New Year Season recommends *very best greetings to you all*. With many thanks, again, for your kind and valuable co-operation.

**Prof. Dr. Lucia Rositani Ronchi**, December, 1995

**AIC Executive Committee Meeting**  
**Sunday, 3 September, 1995, 10.00-17.30, 1995**  
at BAM, Unter den Eichen 44-46, Berlin, Germany

*Members present:* Dr Lucia Ronchi (President and Chair), Dr. Kees van Trigt (Secretary/Treasurer) and Miss Paula Alessi, Mr. Frank Rochow, and Dr. Lars Sivik (Ordinary Members). Apologies for absence were received from Prof. Mitsuo Ikeda and Mr. Roy Osborne.

1. *Welcoming address.* Dr. Ronchi welcomed members of the Executive Committee (EC). Thanks to the hospitality of Dr. Heinz Terstiege, the AIC Midterm Meeting is held in Berlin.

2. *Approval of Agenda:* approved.

3. *Approval of Minutes of the Previous AIC EC Meeting;* approved.

4. *Revision of selected paragraphs of the AIC Statutes.* Decision was deferred, owing to the absence of Mr. Osborne.

5. *Financial Report by the Secretary/Treasurer.* Dr. van Trigt presented the Reports of both auditors, along with the Financial Report, which was approved. He also presented the (approved) Report of auditor Jan Walraven concerning the 1993 Financial Report, which was not available at the previous EC Meeting in Cambridge, England.

The AIC's financial position is healthy; and funds are growing. Because the recipient of the AIC /Judd Award, Dr. Terstiege, works in Berlin, it is not necessary to outlay travel expenses this year.

The Canadian Society for Colour has been expelled, owing to continued failure to pay subscription fee; see also

7. A similar situation arises now with respect to the Centre Information de la Couleur Belgique, which has once again been invited to pay.

6. *Liaisons with international organizations.* Miss Alessi will represent the AIC within the CIE, and take care that information of mutual interest, for example, regarding the Newsletter, is exchanged.

7. *AIC Membership.* In addition to the points mentioned in 5: applications for membership as AIC Observers have been received, welcomed and accepted from Dr. Alan Robertson (Canada), Mr. Teruo Nil (Hong Kong), and Dr. Stephen Coonan (Ireland), effective from 1 January, 1996. The EC is delighted to welcome the Korea Society of Color Study.

8. *AIC Newsletter.* The 1995 Newsletter will be prepared by Mr. Osborne in December, 1995, and mailed to Member Organizations and Observers in mid-January, 1996.

9. *AIC Study Groups (ongoing and new).* Both the *Environmental Colour Design (ECD)* and *Visual Illusions and Effects* Study Groups are preparing their Reports. The *ECD* Chair is Dr Leonhard Oberascher, Institut fur Angewandte Okologische Psychologie, Kaltnergasse 8, A-5020 Salzburg, Austria. The *Visual Illusions* Chair is Prof. Osvaldo da Pos, Department of General Psychology, Via Venezia 8, 35131 Padova, Italy. The attempt to establish a *Virtual Reality* Study Group by Mr. Rochow (1994) was unsuccessful, his call in the AIC Newsletter stimulating very little response.

In the last few years, *Machine Vision* has shown developments of interest for colour science. Papers on the subject appear in journals less accessible to our many of our members. An AIC Study Group on *Machine Vision*, comprising a different range of people promising, for example, to exchange articles, could be worthwhile. Since the main developments are in the United States, Miss Alessi will contact potential members and IEEE.

It is emphasized again that Study Groups may receive financial support from the AIC for covering postage costs, etc., if that Group has presented a Report concerning its activities in the last year to the EC. Formal requests are to be sent in writing, by letter, to the AIC Secretary/Treasurer.

10. *Tutorial courses.* It has been emphasized repeatedly by the present Secretary/Treasurer that the AIC should balance income and expenditure in the sense that the present funds are large. Money should be used for the purposes for which the AIC was established. Accordingly, the EC has agreed to consider the possibility of organizing tutorial courses on the occasion of AIC meetings, details of which can be discussed with meeting organizers and with the EC itself.

11. *Publication of AIC Study Group Reports.* Covered in 9.

12. *Proceedings of the AIC 1995 Midterm Meeting.* These will be published in *Die Farbe*. It is proposed that those of the 1996 Interim meeting will also be published in *Die Farbe*.

13. *Future Meetings.* The next AIC Interim Meeting, *Colour and Psychology*, is in Gothenburg (Göteborg) in Sweden, 15-18 June, 1996. For information, contact Prof. Lars Sivik, Kullaviks Skogsväg 4, S-42935 Kullavik, Sweden (fax +46-31-431 012).

Preparation for the next AIC Congress, *Color 97*, in Kyoto (25-30 May, 1997), is well underway. For information, contact the Secretariat, c/o JTB Communications, New Kyoto Center Building, 5F Shiokoji Shinmachi, Shimogyo-ku, Kyoto 600, Japan (fax +81-75-341-1917).

The AIC is receiving various invitations, in the matter of Interim meetings in the next quadrennium. This is the case, for instance, of the Colour Group of Bulgaria and the Korea Society for Color Study. The invitations will be evaluated at the next EC Meeting.

14. *The Judd/AIC Award.* The recipient of the Deane B. Judd/AIC Award is Dr. Heinz Terstiege. The Award will be presented to him in the morning session of the Meeting, on Tuesday, 5 September. New nominations for the Judd/AIC Award (in 1997) will not be explicitly solicited, since insufficient nominations were received in 1994. Not all nominations were accompanied by a curriculum vitae. Dr. Ronchi will gather together nominations early in 1996.

15. *The EC in the next quadrennium.* Since Prof. Ikeda is to succeed Dr. Ronchi as President (on 1 January, 1998), and the present Secretary/Treasurer will be resigning, a new Vice-President and a new Secretary/Treasurer will need to be nominated, in addition to four Ordinary Committee Members. Mr. Rochow has expressed willingness to take over the role of Secretary/Treasurer. The topic will be considered further at the next EC Meeting (June 1996).

16. *Next EC Meeting:* Saturday, 15 June, 1996, Gothenburg. Location to be determined by Dr. Sivik.

17. Those in attendance were thanked by Dr. Ronchi, who closed the Meeting.

**Heeze, 20 December, 1995.**

**Dr. Kees van Trigt, AIC Secretary/Treasurer**  
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S E D O

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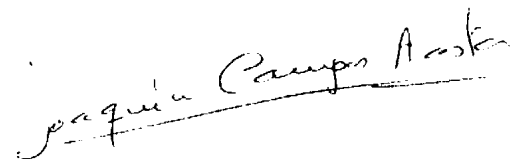
Madrid, 27 December 1995.

In 1995 the Spanish Colour Committee has started a new activity to promote the knowledge of Colour Science. This activity consists in inviting a foreign professor to give a lecture about a specific subject related to a present research problem. This year professor A. Hubert gave two talks:

- ▶ - "Computational and Psychophysical studies of Colour Constancy". University of Granada, 5 June. University of Valencia, 6 June.
- ▶ - "The Role of Colour in Object Recognition". University of Valencia, 6 June.

The organization of these lectures has been supported by the Spanish Optical Society, the CICYT (TAP 94-1073-E. Acción Especial) and the Universities of Granada and Valencia.

The organiser of the 4<sup>th</sup> National Congress will be known during 1996. Several candidatures are being studied by the Committee Board. We all hope to have a new great congress in 1997.



Joaquín Campos Acosta  
Secretary



## NEWS FROM THE ARGENTINE COLOR GROUP

The Argentine Colour Group was founded in 1979, and associates institutions and individuals (mainly physicists, chemists, psychologists, architects, and designers) whose interest is the study of color science. The goals of the society are to encourage research on problems related with color, to promote the sharing of information with similar associations abroad, to hold a center of documentation, and to integrate the different fields from which the study of color can be addressed: science, technology, art, design, etc. Regularly, the society organizes lectures, seminars, and congresses, and publishes a Bulletin, Proceedings of Congresses, and books on colour. The GAC organized the International Congress of the AIC in 1989, in Buenos Aires, and two National Congresses in 1992 and 1994; two more National Congresses are already scheduled for 1996 and 1998.

### FORTHCOMING MEETING

#### **ArgenColor 1996, Third Argentine Congress on Color**

Huerta Grande, Córdoba, Argentina, May 20-22, 1996. Contacts:

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### LECTURES AT THE G.A.C., 1995

"Color en fotografía" [Color in photography], by S. Melita, June 26

"El color en la iluminación teatral" [Color in theater lighting], by M. Rinaldi, July 17.

"Pigmentos en la formación del color" [Pigments in color formation], by J. L. Ferrari, August 24

"El color en el diseño textil" [Color in textile design], by D. Varela, September 14.

"Color y comunicación visual" [Color and visual communication], by C. Manganiello, October 23.

### NEWSLETTER OF THE G.A.C.

The Argentine Color Group publishes a newsletter, *Boletín Informativo, GAC*, in Spanish, three times each year. It is sent to all the members of the Group in printed form, and also by e-mail to every individual or institution that request it. All those interested in receiving this newsletter by e-mail, please write a message to <postmast@semvis.fadu.uba.ar>

### PUBLICATIONS

José Luis Caivano, *Sistemas de orden del color* [Color order systems], in Spanish (Buenos Aires: School of Architecture, Buenos Aires University, Serie Difusión Nr. 12, 1995)

*ArgenColor 1994, Actas del Segundo Congreso Argentino del Color* [Proceedings of the Second Argentine Congress on Color], in Spanish, eds. J. L. Caivano and R. D. Lozano (Buenos Aires: Grupo Argentino del Color, forthcoming)

*ArgenColor 1992, Actas del Primer Congreso Argentino del Color* [Proceedings of the First Argentine Congress on Color], in Spanish, eds. J. L. Caivano, G. Defeo, and R. D. Lozano (Buenos Aires: Grupo Argentino del Color, 1994)

Ana María Bras and Cristina Manganiello, *Índice de nombres populares del color en la Argentina* [Index of popular color names in Argentina], in Spanish, with 385 samples and 1,500 entries (La Plata, 1992).

*Color 89, Proceedings of the Sixth Congress of the International Color Association*, vol. I - Invited Lectures, vol. II - Papers (Buenos Aires: Grupo Argentino del Color, 1989).

## THE COLOUR SOCIETY OF AUSTRALIA

The major event for the Colour Society during 1995 was our fifth biennial conference. This was held at the Australian Chamber of Manufacturers Conference Centre in Melbourne, and was organized jointly by the Colour Society and Colourways Australia, the colour marketing group of the Design Institute of Australia. For each session of the conference there was a theme: *Advances in Colour Technology; Colour in Design; Colour Perception; Colour and the Environment; Colour in Education; Colour Order and Colour Specifying Systems*. The afternoon of the second day was devoted to a Colour Imaging Seminar during which current problems were discussed and the latest technology was presented.

Our principal sponsor was the Collie Trust, whose generous support enabled us to welcome Prof. Roy Berns as keynote speaker both for the Conference and for the Colour Imaging Seminar. Other major sponsors were Apple Computers, Dulux Australia and Fuji-Xerox. Roy spoke about *Advances in Colour Measurement*. He referred to the ease with which colour measurements can now be carried out, but the focus of his talk was the fundamental limitations that remain. He described current innovations such as the CIE94 colour-difference equation and the use of statistical tools to derive colour tolerances. To introduce the Colour Imaging Seminar he described the particular problems of the graphic reproduction industry in ensuring accuracy and the work being done at the Munsell Color Science Laboratory to overcome these problems.

We were fortunate to have two other visitors from overseas. In the session devoted to *Colour in Design*, Dale Russell presented a lively talk on *The Paradox of Colour*, and Roy Osborne spoke on *Colour in Graphics*. Roy also contributed a paper on *Colour and Form in Education*. We were fortunate that both Dale and Roy were able to include Sydney and Perth in their itineraries. Dale attended the workshop conducted by Colourways which followed the conference and was able to give the group the benefit of her experience as Creative Director of the Colour Group affiliated to the Chartered Society of Designers, UK. She also address a large audience in Perth on the topic *Colour in Design - How? Why? When?* Both she and Roy Osborne visited schools of Design in Melbourne and Sydney and both contributed to the programmes of the School of Design, Curtin University in Western Australia. Roy had a working "holiday" for two weeks as a visiting teaching fellow at Curtin. His visit added a valuable new dimension to my own colour programme.

There were many other highlights at the conference, new information and new insights in the major areas of colour interest. One area that seems likely to attract increasing attention in the future is colour and the environment. Stuart McDiarmid spoke about the environmental considerations in the choice of colourants and the possible reduction in the range of colours available to designers as the more harmful colorants are banned. He suggested ways in which designers could turn what might appear to be a problem into an opportunity. A new approach to colour in the cotton industry was presented by Heather Ball and John Carlyle, who described the Corella Project. Cotton occurs naturally in a surprisingly wide range of colours besides white. The beautiful Corella colour range is achieved without dyes and includes brown, cream, beige and shades of olive green. Potentially more startling is the objective of Florigene. John Mason gave an account of the long quest for the blue rose. Apparently roses, carnations, and chrysanthemums account for over half the cut flower sales world-wide but there are no blue varieties. Of the other cut flowers sold, the most popular colour is blue. Genetic engineering promises to make the blue rose a reality and we can expect blue carnations to be available in our local flower shops quite soon!

The social programme was as lively as ever. We had the particular good fortune that the conference was held while there was a major exhibition of work by Matisse at the National Gallery of Victoria. A private view of the exhibition and a cocktail party at the gallery was an ideal way to set the colour mood.



# The Colour Group (Great Britain)

*Registered address:* School of Optometry & Visual Science, The City University  
Dame Alice Owen Building, 311-321 Goswell Road, London EC1V 7DD, England

*e-mail address:* ColourGroupGB@City.ac.uk

The Colour Group is a Registered Charity (No. 1047548)

1995-96 Committee: **Mr. Roy Osborne** (Chairman), **Dr. Patrick Forsyth** (Vice-Chairman), **Dr. Gabriele Jordan** (Secretary), **Dr. Vicki Barbur** (Treasurer), **Dr. Julie Taylor** (Assistant Secretary and Newsletter Editor), **Miss Margaret Halstead** (Membership Secretary), and **Dr. John Barbur, Miss Carole Anne Ferris, Mr. Arthur Jenkins, Dr. Douglas MacDougall, Dr. Arthur Tarrant and Dr. Carol Wood** (Ordinary Members).

The Colour Group promoted frequent educational meetings, as follows:-

**1 February**, 1995, at the City University, London: *Postgraduate Contributions*, presented by N. Willmott, J. Guthrie & G. Nelson, H. Skelton, M. Bloj & A. Hurlbert, J. Wright, S. Nascimento.

**1 March**, 1995, at the City University, London: *Total Colour Appearance*, presented by J. Hutchings, J. Guthrie, D. MacDougall.

**15 March**, 1995, at the City University, London (postponed from 4 January): *Colour in Maps*, presented by K. Cook, G. Gill, R. Taylor.

**5 April**, 1995, at the Drapers' Hall, London: *George Palmer Bicentennial: The Theory of Colours and Vision*, presented by P. Chalk (The Drapers' Company), J. Mollon, A. Moore, L. Sharpe, F. Vienot & H. Brettel, G. Jordan, T. Lamb, A. Whitmore, B. Lee, J. Levitt, K. Gegenfurtner.

**10 May**, 1995, at the City University, London: AGM and *Retiring Chairman's Address: New Light on an old Problem*, presented by P. Forsyth.

**22 June**, 1995: visit to the Air Traffic Control Experimental Unit, Hurn Airport, Bournemouth, Hampshire, organized by L. Reynolds.

**4 October**, 1995, at the City University, London: *Advance Report for the CIE Meeting, India, November, 1995*, presented by M. Pointer, J. Verill, J. Birch, J. Moore.

**1 November**, 1995, at the City University, London: *Newton Lecture: The Effect of Colour Physics on the Textile Industry*, presented by R. McDonald, recipient of the Newton Medal.

**13 December**, 1995, at the National Gallery, London: *Colour in Interior, Architectural & Lighting Design*, presented by B. Mikellides, T. Hazle, M. Major.

**The Colour Group** is an interdisciplinary society that draws together those concerned with different aspects of colour: its measurement, reproduction and perception. Monthly meetings provide a valuable forum for the exchange of ideas and information.

Annual membership subscription is £12.50. Membership enquiries should be directed to Miss M.B.Halstead, 5 Farmlands, Enfield EN2 8JE. Copies of *The Advancement of Colour*, a detailed history of the first 50 years of The Colour Group (1941-91), are also available from Miss Halstead (price: £5.00 & postage).

**Associazione Ottica Italiana**, via Mozart 29, 51017 Pescia, Italy

The Italian Optical Association (AOI) has been responsible for the Italy-AIC link since the beginning of the AIC itself. In particular, representation by some Italian expert has been guaranteed at various AIC Meetings. The Member-Representative is **Dr. Lucia R. Ronchi**, 1 via Suor Maria Celeste, 50125 Florence, Italy. Fax +39-55-222 090.

The AOI is a non-profitmaking organization, *ente morale*, that is, recognized by the President of the Italian Republic, founded in 1926. Through the past seven decades, it has succeeded in preserving its original goal, clearly displayed in its Statutes, consisting of promoting scientific activity and interest in matters of optics, vision and related fields of research (from photography to architecture, and so on). A capillary effort has been made, and is being made, to disseminate basic and up-to-date information, at all levels. In addition to courses and seminars:-

- every year a national meeting is organized, in which speakers are invited from abroad, to illustrate and highlight themes at an advanced level.

- a bi-monthly journal is published, entitled *Luce e Immagini (Light and Images)*, which has appeared in a new format since January, 1995. Part of the journal is devoted to "Questions from our Readers"; those requesting information about the state-of-the-art in an area of their interest receive a prompt reply from experts in the matter. Since 1990, particular emphasis has been given to colour: its use, its measurement, colour-vision testing, and colour education.

The AOI President is **Prof. Sergio Villani**, AOI, via Mozart 29, 51017 Pescia (PT), Italy. Tel/Fax +39-586-684 328. The AOI Governing Body consists of 16 Members, five of them, elected yearly, represent the steering committee. According to the Statutes, the AOI is also expected to include a number of "sections" which, while preserving their autonomy, operate under the general umbrella of AOI consensus. Let us quote:

FEOLA (Federazione Europea Optometristi Laureati Abilitati). President **Mr. Bruno Carasiali**, via Don Minzoni 29, P.B. 119, 57023 Cecina (LI), Italy. Tel/Fax +39-586-684 328. One of its present tasks consists of harmonizing and balancing the rules subserving Optometric licencing across Europe, having in mind in the near future a university-like location for this profession.

AIOC (Accademia Italiana Optometristi Contattologi). President **Mr. Daniele Guidi**, via di Bellariva 39, 50136 Florence, Italy. Tel/Fax +39-55-678 136. Its main task consists of bringing together persons interested in contact-lens fitting. Courses and seminars are regularly organized on advanced topics. Research is also encouraged. Among other matters, a wide-scale enquiry is being undertaken at present to assess the advantages of tinted lenses (for example, the "minus-blue" ones), as well as the attitude towards them on the part of the users.

In 1995, the AOI has been undertaking an ambitious programme, aiming at monitoring colour education and acquaintance from infancy to youth. Teachers are taught how to detect colour vision deficiencies in schoolchildren, to orient them in their future profession, having also in mind the increasing availability and use of colour displays.

**Dr. Lucia R. Ronchi**, Florence, 8 December, 1995



韓國色彩學會

KOREA SOCIETY OF COLOR STUDY

서울 성동구 보신동 93-1 우편번호 133-701 건국대학교 생활문화대 이양성 교수 연구실 TEL: (02)450-3789, FAX: (02)444-1058

Names of KSCS representative

- Honorary President : Prof. Don-Soh Park  
Ajou University. san 5 Wonchun-dong  
Paldal-ku, Suwon  
Korea  
Tel 0331)219-2492 / Fax 0331)213-2801
- President : Prof. Yang-Sup Lee  
Dept. Industrial Design  
Kon-Kuk University. 93-1 Mojin-dong  
Seongdong-ku, Seoul 133-701  
Korea  
Tel 02)450-3789 / Fax 02)444-1058
- Vice president : Prof. King-Hong Kim  
Fine Art College, Ewha Woman's University  
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Tel 02) 421-7277 / Fax 02) 421-7279
- Secretary: Prof. Myung-Sup Shim  
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Tel 0343)67-4931 / Fax 0343)67-4931
- Secretary : Prof. Yeon-Soon Chang  
(International) Dept. Fiber Art  
Fine Art College, Ewha Woman's University  
11-1, Daehyun-dong  
Seodaemun-ku, Seoul 120-750  
Korea  
Tel 02) 360-2538 / Fax 02) 360-2845

- June 10.1995 Symposium ( Daejeon : Han-nam Univ. )  
8 members presented their article.
- Mar 20-22.1995  
2nd International Seminar on the Application of Color Studies  
for Human Environment ( Seoul :Kon-kuk Univ.):  
2 Korean members and 3 Japanes presented their article.
- Dec. 2.1995 Symposium ( Kwachun : Citizen Hall )
- Nov.1995 KSCS Newsletter (No.13)
- Mar.1995  
Journal of Korean Society of Color Studies (No. 4 )
- July 1995  
Journal of Korean Society of Color Studies (No. 5 )

#### Plan to 1996

We will have a annual spring and autumn Symposium 1996.  
we will publishing the annunal Journal of Korean Society of Color  
Studies on March 1996.

#### **SOUTH AFRICAN COLOUR SCIENCE ASSOCIATION**

SACSA has been inactive since January, 1993. However, in July, 1995, Mr Francois Denner was appointed Honorary Secretary, his first task being to contact past, present, and possible future members, and to make the necessary arrangements for the holding of a long-overdue Annual General Meeting. It is noteworthy that Mr. Denner has now been appointed Secretary of CIE Division 1. One company in the Republic of South Africa, Lighting Sciences Africa (pty) Ltd., is active in colour advisory projects as they arise, hence the company is very interested in the activities of the new CIE TC1-44, TC1-45, and TC2-42. It is the intention of SACSA, being an affiliate of the South African National Committee on Illumination, to arrange for a paper to be presented at the SANCI AGM and Congress, to be held in Pretoria in October, 1996.

**John T. Grundy, Chartered Engineer,  
Director South Africa, Duncansby (pty) Ltd.**

## **Contribution to the AIC Annual Newsletter 1995**

Few years ago, within the the Faculty of Architecture of the Slovak Technical University, Department of Visual Studies, an initiative was born for introducing selected aspects of colour science into the curriculum of architectural studies as a separate subject. A small team was set up to evaluate the existing situation in practice and tuition, to draw together specialists dealing with any aspect of this science on national level, and to establish contacts with experts and centres abroad. Although the team was based at the Faculty of Architecture, its members were also external specialists: A. Vranka - architect; S. Katuscak - chemist; A. Urandova - architect; O. Varakozo - artist. National institutions and specialists (existing as well as potentially interested ones) were identified and contacted, consulted in the process. First international activities were taken : a conference with contributions by W. Spillmann (Switzerland) and O.da Pos (Italy) was organized at the Faculty of Architecture, G. Schilling (Germany), L. Sivik (Sweden) and A. Nemesics (Hungary) were also invited for selected occasions. A first doctoral dissertation involving this subject was completed successfully in 1994 and a specific research project concluded in 1993. Collaboration with specialists and specialized institutions abroad was developed in terms of common research projects, consultancy, and preparation of didactic materials, participation in international conferences.

In 1991 the curriculum of the subject "Colour science" was drafted and approved, and in 1992 the subject was experimentally introduced into the study programme of the Faculty of Architecture for the 6th semester, involving lectures as well as practical sessions. In 1993 the subject was, upon request, taught also at the Faculty of Civil Engineering for students of the 7th semester. The Academic year 1993/94 allowed further development of the concept: with lecturers and practical sessions introducing relevant theoretical aspects in the 4th semester and applications to architecture and design dealt with in the 5th semester. The entry of J. Bartko - artist/educator into the team was a valuable enrichment. In the academic year 1994/95 the collaboration with the Faculty of Civil Engineering was successfully continued, providing the subject of "Colour Science" for students of the 5th semester with lectures and practical sessions.

The first semester of the Academic year 1995/96 has been concluded, having taught the subject to students of the 5th semester at the Faculty of Architecture. For those interested in further study its optional choice will be offered.

In the current process of reviewing the structure and curricula at the Faculty of Architecture in the overall Technical University context, the phases of development and refining have not finished for this newly established subject and we hope to be able to continuously improve it, backing all our efforts with adequate research, setting up of an appropriate laboratory in accordance with the trends and development of knowledge in the field and by keeping our contacts and collaboration with existing study centres, individual experts and institutions vivid.

Dr. Ing.arch. Andrea Urandova, AIC Observer  
Department of Visual Studies  
Faculty of Architecture  
Slovak Technical University  
Nam. Slobody 19  
812 45 Bratislava  
Slovak Republic

# Inter-Society Color Council

## OFFICERS 1994-1996

Position	Name	Address	Telephone	FAX
President	Mr. Roland L. Connelly	SheLyn, Inc., 1108 Greccade Street, Greensboro, NC 27408	(910) 274-1963	(910) 274-1971
Pres. Elect	Dr. Ellen C. Carter	2509 N. Utah Street, Arlington, VA 22207	(703) 527-6003	
Secretary	Dr. Danny C. Rich	Datacolor International, 5 Princess Rd., Lawrenceville, NJ 08648	(609) 895-7427	(609) 895-7461
Treasurer	Mr. Daniel S. Walton	Color and Appearance Technology P.O. Box 3709, Princeton, NJ 08543	(609) 734-0300	(609) 734-0245
Past-Pres.	Ms. Paula J. Alessi	Eastman Kodak Company, Rochester, NY 14650	(716) 477-7673	(716) 722-1116

## LIST OF DIRECTORS

Year	Name	Address	Telephone	FAX
1993-1996	Mr. Gary E. Beebe	Ato Hass North America Inc., P.O. Box 219, Bristol, PA 19007	(215) 785-8497	(215) 785-4315
	Mr. Joseph F. Campbell	DuPont Marshall Laboratory, 3401 Grays Ferry Ave., Philadelphia, PA 19146	(215) 339-6039	(215) 339-6008
	Dr. Robert T. Marcus	Pantone Inc., 590 Commerce Blvd., Carlstadt, NJ 07072	(201) 935-5500	(201) 896-0242
1994-1997	Mr. Michael A. Hammel	3782 Bonny Rigg Trail Roswell, GA 30075	(404) 587-5120	(404) 587-5128
	Mr. Richard W. Riffel	ColorTec Associates, Inc., P.O. Box 386 Lebanon, NJ 08833	(908) 236-2311	(908) 236-7865
	Mr. William S. Vogel	10013 Sagefield Dr., Baton Rouge, LA 70818	(504) 261-7107	
1995-1998	Dr. Mark Fairchild	RIT Munseil Color Science Laboratory, P.O. Box 9887 Rochester, NY 14623	(716) 475-2784	(716) 475-5988
	Prof. Wade Thompson	1910 East Cardinal St., Springfield, MO 65804	(417) 836-6094	(417) 883-5530

## ISCC MEMBER-BODIES

American Association of Textile Chemists and Colorists (AATCC)	Graphic Arts Technical Foundation (GATF)
American College of Prosthodontists (ACP)	The Human Factors & Ergonomics Society
American Society for Testing and Materials (ASTM)	Illuminating Engineering Society of North America (IESNA)
American Society of Interior Designers (ASID)	National Artists Equity Association (NAEA)
American Society for Photogrammetry and Remote Sensing (ASPRS)	National Association of Printing Ink Manufacturers (NAPIM)
The Color Association of the United States, Inc. (CAUS)	Optical Society of America (OSA)
Color Marketing Group (CMG)	Society for Information Display (SID)
Color Pigments Manufacturers Association (CPMA)	Society of Plastics Engineers, Color & Appearance Division
Detroit Colour Council (DCC)	Society for Imaging Science and Technology (IS&T)
Federation of Societies for Coatings Technology (FSCT)	Technical Association of the Graphic Arts (TAGA)
Gemological Institute of America (GIA)	Technical Association of the Pulp and Paper Industry (TAPPI)

## SUSTAINING MEMBERS

Pantone Color Institute  
Color and Appearance Technology

BYK-Gardner  
Labsphere

# Inter-Society Color Council

## JOINT ISCC/AATCC SYMPOSIUM TEXTILES AND COLOR

The following four sessions of talks took place at the 1995 ISCC Annual Meeting during the joint ISCC/AATCC symposium on Textiles and Color:

Session I: How We See Color. Moderator: Dr. Roy Berns

- In Textiles, Color IS Quality, and the Eyes Have It!, LOUIS A. GRAHAM, Lou Graham & Associates.
- Perceived Grey-Levels in Complex Configurations, QASIM ZAIDI, JEREMY S. DE BONET, BRANKA SPEHAR, The Lighthouse Research Institute.

Session II: How We Describe Color. Moderator: Dr. Roy Berns

- Color Names for CIELAB Color Space, FREDERICK T. SIMON, FTS, Inc.
- A Study of the Color Memory of Dyers, MARTIN BIDE, KENNETH LANGLEY, AND EHTESHAM KHOYRATTY, University of Rhode Island
- Memory for Color: What Do We Recall?, STEVEN K. SHEVELL, University of Chicago

Session III: How We Match Color. Moderator: Mr. Roland Connelly

- Direct Dyeing: Repeatability and Match Prediction, CHRISTINA MILLER AND J. RICHARD ASPLAND, Clemson University
- Recipe Formulation for Textile Dyeing and Print - How to Succeed in Industry, LUIZ CLAUDIO RAMALHO DE ALMEIDA, KELSON DOS SANTOS ARAUJO, ROBERT HIRSCHLER, SENAI/CETIQT

Session IV: Color, Design, and Textiles. Moderator: Mr. Roland Connelly

- Applications of Colorimetric Vision Systems in the Textile Industry, CHRISTOPHER D. BUNTING, Hunter Lab
- Successes and Challenges of Fabricless Product Development, MICHAEL P. KEATING, Cone Mills

Abstracts of this joint ISCC/AATCC Symposium held after the 1995 ISCC Annual Meeting are available.

If you are interested, please send \$5 for postage with your name and address to:

Ann Laidlaw  
c/o SheLyn, Inc..  
1108 Greccade Street  
Greensboro, NC 27408

December 29<sup>th</sup> 1995

## **AIC Study-Group on Visual Illusions and Effects**

### **Why this study group.**

- The term "illusion" is traditionally used by a variety of researchers in many fields of visual sciences.
- Optical Illusions and Effects are considered since long by psychologists and visual scientists, and are also used in many practical applications. The literature is very wide and spread in a number of publications.
- An organized basic reference support seems to be needed, particularly to see how and why visual illusions and effects are so frequently revisited in the recent research papers.
- In particular, a set of up-to-date guidelines should emerge to assist those who want to use the so-called visual illusions in practice.

The first goal of the study group is:

- a) to collect data on various visual illusions and effects, and to organise them in a unified format.
- b) to collect the main bibliographical references, books, monographs, etc.
- c) to classify and group the collected material according to some criteria

The second goal of the study group is:

- d) to form a number of subgroups, each devoted to the study of some practical aspects.

The Study Group "Visual Illusions And Effects" (VIAE) is chaired by Prof. Osvaldo da Pos, of the University of Padova - Italy, and counts the following persons as its active members:

- Monica BILLGER, Chalmers Polytechnical University, Goteborg - Sweden
- Giovanni BRINO, University of Torino - Italy
- José Luis CAIVANO, Buenos Aires University & CONICET - Argentina
- Stephen COONAN, Dublin Institute of Technology - Eireland
- Paul GREEN-ARMITAGE, Curtin University of Technology, Perth - Australia
- Eloisa JIMÉNEZ, Universidad de Granada - Spain
- Antal NEMCSICS, Technical University of Budapest - Hungary
- Roy OSBORNE, London - England UK
- Katsuaki SAKATA, Akita Municipal Junior College of Art and Craft - Japan
- Andrea URLANDOVA, University of Bratislava - Slovakia Rep.

On September 1995, the drafts of the following reports have been distributed to the study-group members and other interested people:

- a - AN ANNOTATED BIBLIOGRAPHY OF 25 SELECTED BOOKS FROM 1922 TO 1975  
This Report stops in 1975, and we intend to prolonge it both towards the earlier times and up to our days in a future report.
- b - OPTICAL ILLUSIONS AND EFFECTS IN STAINED GLASS
- c - VISUAL ILLUSIONS AND EFFECTS IN ARTS



- d - VISUAL EFFECTS AND ILLUSIONS IN HOLOGRAPHY
- e - FROM THE CAMERA OBSCURA TO COLOR PHOTOGRAPHY
- f - Some comments by O. da Pos on the text of the b c d e draft-reports

A BILINGUAL (Italian/English) BOOK, describing more than 150 visual illusions and effects with their relevant quotations, is being published by O. da Pos and E. Zambianchi.

On occasion of the AIC Interim Meeting organized by Prof. L. Sivik in Göteborg, Sweden, which will be held next June 1996, a session will be devoted to the presentation of the VIAE study-group products. Few written pages will be distributed in advance to people who are attending the meeting, and the discussion will be about the problems emerging from the study-group work, especially with regard to the role of colour in the various illusions. Particular attention will be paid to communication problems, trying to integrate a common terminology about the so-called visual illusions.

Further developments of the study-group works will include

- an improvement of the annotated basic bibliography
- a survey on the transparency effect in the recent studies
- visual illusions and effects in architecture
- classification of the collected material on visual illusions according to the role played by colour, considered in both its chromatic and achromatic aspects.

On occasion of the AIC Color 97 Conference in Kyoto, May 26-30 1997, the Study-Group is planning a meeting to present its final reports and to develop the following tentative topics:

- Illusions as appearance (covering the perceptual-cognitive aspects)
- Is color a luxury? (having in mind the practical applications of the informations gathered by the Study Group)
- Machine vision and optical illusions (in line with one of the three main Symposia).

Proposals of collaborations are welcome. All requests of informations can be addressed to the Chairman:

Prof. Osvaldo da Pos  
Department of General Psychology  
Via Venezia, 8  
35131 PADOVA - Italy

Fax: (+39) 49 8276600  
E-mail: dapos@psico.unipd.it

**Informes: Grupo Argentino del Color.**  
INTI, Sector Física Industrial  
C.C. 157  
1650 San Martín  
Pcia. de Bs. Aires  
Telefonos 754-4141/5 - 5151/5  
Fax: 754-2102



## "ARGENCOLOR 96"

**"Tercer Congreso Argentino sobre el Color"**  
20 al 22 de Mayo de 1996  
Unidad Turística Serrana Encotesa.  
Huerta Grande - Córdoba

Arq. José Luis Caivano  
Sanabria 2783, piso 1, dpto.2  
1417 Buenos Aires  
Telefax (01) 566-9328

**Segunda Circular y llamado a ponencias.**

***Declarado de Interés Provincial por el  
Gobierno de la Pcia. de Córdoba.***

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Organizado por :  
El Grupo Argentino del Color

Auspiciado por :  
El Rectorado de la Universidad Nacional de  
Córdoba.  
La Municipalidad de la Ciudad de Córdoba.  
La Universidad Tecnológica Nacional Facultad  
Regional Córdoba.  
La Facultad de Arquitectura, Urbanismo y Diseño  
de la Universidad de Córdoba

Arq. María Mercedes Avila  
Tel. (0543) 21781

## TERCER CONGRESO ARGENTINO SOBRE EL COLOR: ARGENCOLOR 96.

### TEMAS :

Los Temas a desarrollar en el Congreso serán los siguientes:  
Física del color: Energía Radiante, teoría electromagnética, teoría cuántica, óptica, luz y color, fuentes de luz, características espectrales de la luz.

El color y la medicina. El ojo y la visión, aspectos anatómicos y fisiológicos. Tratamientos por el color, coloterapia. El color en la odontología.

Diseño y color: Arquitectura, diseño gráfico, diseño industrial, diseño de imagen y sonido, diseño de indumentaria, paisaje urbano, monumentos, preservación. Color en las artes: pintura, escultura, fotografía, cine, holografía. Armonías del color, color y función. Color asistido por computadora. Enseñanza del color. Música y color. Relaciones entre color y sonido, bases físicas y psicológicas.

Psicología del color. Aspectos sensoriales, dinámica del color, preferencias del color, asociaciones, respuestas afectivas, color y percepción del espacio.

Visión del color y de la apariencia de los colores. Legibilidad, adaptación, contraste, irradiación, persistencia, memoria del color, anomalías en la visión de los colores.

El color y los otros aspectos visuales. Color y forma, color y textura, color y modos de apariencia, interrelaciones. La medición del color, colorimetría tricromática, diferencia del color, fluorescencia, colorímetros, colorimetría diferencial, colorimetría industrial, estandarización del color, especificación del color, tolerancias.

Historias de las teorías sobre el color, sistemas de orden del color actuales o históricos, colecciones de colores impresos y electrónicas. Historia del uso del color por las diferentes civilizaciones.

El color en las actividades humanas. El color y la conducta humana, color en los ámbitos de trabajo, en la vivienda, en la escuela, en los hospitales, en el comercio, etc.

Aplicaciones industriales: alimentos, cerámicos, cosméticos, papeles, pinturas y pigmentos, tintas, plásticos, textiles, cueros, metales, vidrios, construcción, luminotecnía, publicidad y comercialización, señalización.

Reproducción del color. Métodos aditivos y sustractivos, igualación del color, televisión en colores, industrias gráficas.

Paralelamente al desarrollo del Congreso se llevará a cabo la realización de exposiciones y muestras que resulten complementarias y se relacionen con la realización del Tercer Congreso Argentino del Color: "Argencolor 96"

### PRESENTACION DE LAS PONENCIAS

Todos los interesados están invitados a presentar una o más ponencias. Las mismas pueden tratar sobre cualquier aspecto de la ciencia, el arte o la tecnología del color. Un resumen de cada ponencia, de no más de dos páginas tamaño carta (279 mm x 216 mm) deben ser recibidas por el Comité Organizador en dos copias antes del 30 de Noviembre de 1995.

Los autores serán notificados de la aceptación de la ponencia y oportunamente recibirán las instrucciones para la presentación del escrito completo. Cada ponencia no debe exceder los treinta minutos.

### TERCER CONGRESO ARGENTINO DEL COLOR:

#### INSCRIPCIONES:

Las inscripciones se realizarán a través de la ficha adjunta. La inscripción final se realizará a través de un formulario que recibirá oportunamente.

La misma debe dirigirse a

"GRUPO ARGENTINO DEL COLOR."

Arq. María Mercedes Avila

Avellaneda 1360 (5000) CORDOBA - ARGENTINA

Telefax (051) 725013

#### ARANCEL DE INSCRIPCION

El mismo se ha estimado en el valor más bajo posible para atender a los gastos de organización, impresos, certificados, preparación de las Actas, etc.

- Antes del 30 de Noviembre

General ----- \$40

Estudiantes ----- \$20

- Después del 30 de Noviembre de 1995

General ----- \$50

Estudiantes ----- \$25

#### EXPOSICION:

Paralelamente al desarrollo del Congreso, se llevará a cabo la Exposición "ARGENCOLOR 96" a la que han sido invitados empresarios y compradores del país y del exterior, que resultará complementaria a las actividades que se desarrollen en el Congreso.

La organización de dicha exposición está a cargo de las empresas Editores S.R.L. y Domus Publicidad.

Para participar en ella debe dirigirse a

EDITORES S.R.L.

Av. La Plata 1080 (1250) Buenos Aires- Telefax 923-4625

DOMUS PUBLICIDAD

Lavalle 392 10º Piso (1387) Buenos Aires- Telefax 314-0899

#### COSTOS DE ALOJAMIENTO:

El grupo Argentino del Color ha suscripto un convenio con la Unidad Turística Serrana ENCOTESA, mediante el cual los asistentes al Congreso y acompañantes podrán alojarse en las instalaciones que la Unidad posee, por un costo igual a \$ 50, por día y por persona, con pensión completa, se incluye además en dicho costo el coctel de recepción y cena de despedida. Las reservas del hotel pueden hacerse en la sede del Congreso, y el pago se realizará en la Unidad Turística Serrana de ENCOTESA.

# AIC INTERIM MEETING 96

## COLOUR AND PSYCHOLOGY

June 15-18 1996  
Göteborg, Sweden

Organised on behalf of the AIC by  
Swedish Colour Centre Foundation (AIC Member Body)

### AIC - ASSOCIATION INTERNATIONALE DE LA COULEUR

The AIC is a non-profit organisation with the object of encouraging colour research in all its aspects, of disseminating the knowledge gained from research, and promoting its application to solutions of problems in the field of science, art, design, and industry on an international basis.

THE MAIN THEME of this conference is

#### *Colour and Psychology.*

We know that many people around the world are interested in colour and many questions are asked about colours, not least their psychological correlates. As colours, as they appear, are perceptions – which only exist in our heads – one can actually say that *colour is psychology*. Central topics, thus, are colour appearance, including the phenomenology of colour and colour differences, colour dimensions, transparency, colour “illusions”, appearance changes due to distance, lighting and other conditions. But colours also carry symbolic meaning which may vary between different cultures. Colour preferences may be individual – but if there were no consensus between people there would be no need for colour designers!. Are colours related to certain moods, personality traits, etc.? Are there any differences between connotative and physiological responses? How do we talk about colours, do we name them in the same way? Are we affected by colours in the environment? How is colour used in literature?

### REGISTRATION FEES

The fee for delegates is **SEK 2.700** (appr. 370 USD) if paid before **1st April**, thereafter the fee will be 2.900. The fee includes the extended abstracts, reception at the evening of arrival, lunches, morning and afternoon coffee during the three conference days, as well as a get-together-party. For “accompanying persons” the fee is **SEK 500**, which includes reception, party, and an excursion. In the event of cancellation, a refund of the fees paid, less an administrative fee of 30% will be made, provided we receive notification before May 15th 1996.

### CORRESPONDENCE

All enquiries and correspondence should be addressed to:

PROF. LARS SIVIK - COLOUR AND PSYCHOLOGY  
KULLAVIKS SKOGSVÄG 4  
S-429 35 KULLAVIK  
SWEDEN

E-MAIL: [sivik@psy.gu.se](mailto:sivik@psy.gu.se)

TEL +46.(0)31 933347

FAX +46 (0)31 431012

#### INVITATION TO CONTRIBUTE

Oral and poster presentations are invited from researchers or practitioners or anybody who can present empirical results of relevance to the outlined areas. Suggested topics include:

- Colour appearance • Color ergonomics • Colour connotations and associations • Colour symbolism, and cultural differences • Colour and gender differences • Colour in folklore and literature • Colour in architecture and design • Colour combination theories • Colour categorisation, terms and naming • Colour preferences and mood, personality, etc. • Effects of color • Colour in design of environments for special groups such as children, patients with dementia or other psychological disorders •

#### PROGRAM

The program will consist of sessions devoted to special aspects of the proposed theme in which invited and contributed papers will be presented. Space will also be available for poster presentations. It is proposed that a trade exhibition of equipment, materials and academic literature be held in an adjacent area during the course of the conference.

#### INVITED LECTURES

In keeping with the objectives of the AIC to provide a record of the state of the art and science of colour the conference will include a number of invited papers. To date the following persons have been invited:

- Anders Hård*, Ph.D.h.c. (Color is a language);  
*Byron Mikellides*, Ass.Prof. (Emotional and behavioural reactions to colour);  
*John Hutchings*, F.Inst.P. (Color in Folklore).

#### AIC TUTORIAL LECTURE

Professor *Larry Hardin* from the Dept. of Philosophy at Syracuse University, will give a special lecture, sponsored by the AIC, on theories and research on universal and culturally determined aspects of color naming and categorization.

#### AIC STUDY GROUP SYMPOSIA

In addition to ordinary meetings of AIC Study Groups the following groups will have sessions with contributed papers and discussions (the chairman will give an introductory lecture):

- Study Group of Environmental Color Design,  
Chairman: *Dr. Leonhard Oberascher*, designer and researcher.
- Study Group of Color Illusions, Chairman: *Prof. Osvaldo da Pos*.

#### DEADLINES FOR ORAL AND POSTER CONTRIBUTIONS

An extended abstract of not more than 1000 words should be submitted by *January 1, 1996*. All papers must be written in English. Acceptance of papers is subject to review by the Papers Committee and authors will be notified by *February 15, 1996*.

#### PROCEEDINGS

The extended abstracts will be printed and issued at the time of registration. After the conference contributions will be offered to be reviewed for publication in the scientific journal *Die Farbe*.

#### OFFICIAL LANGUAGE

In order to facilitate communication it is proposed that the official language be English.



# AIC Color 97 Kyoto

*The 8th Congress of the International Color Association*



## SUBJECTS TO COVER

The Congress will include Special and Invited Lectures, Symposia and Oral and Poster Presentations covering the whole field of Color Science, Technology, and Design. Encouraged topics are as follows:

- Color Vision, Color Appearance, Color Mode, Color Adaptation, Color Constancy, Color Memory, Color Category
- Color Deficiencies, Clinical and Biological Aspects of Color Vision
- Colorimetry and Photometry, Color Standardization, Color Difference, Color Rendering, Fluorescence, Colorimeters
- Color Order Systems, Color Space
- Computational Color Vision, Machine Vision, Color Image Processing
- Color Imaging, Color Reproduction, Device-Independent Color, Color Management System, Color Display, Color Hard Copy and Graphic Arts
- Color Preference, Color Psychology, Color Illusion, Color Harmony
- Color Design, Color in Arts
- Textiles, Cosmetics, Fashion Color
- Monuments, Industrial Products, Architecture, Environmental Color Design, Color Code
- Color Restoration, Color in Culture
- Color Education, Teaching Aids

## REGISTRATION FEE

CATEGORY	ADVANCED REGISTRATION (on or before Apr. 15, 1997)	ON-SITE REGISTRATION
PARTICIPANT	¥ 60,000	¥ 70,000
STUDENT	¥ 20,000	¥ 25,000
ACCOMPANYING PERSON	¥ 20,000	¥ 25,000

## SYMPOSIUM THEMES

### 1. Color Cognition and Machine Vision

This Symposium will focus on the psychophysical and physiological aspects of color cognition and how to apply them to machine and computational color vision. Key words for color cognition include color constancy, color memory, mode of appearance, color category, P-path and M-path, inferotemporal cortex, V4, object color, color in 3-D space, pop-out, neon color spreading and attention.

### 2. Color Management System

The color management system is the key concept of color reproduction and the multi-media system. This Symposium will tackle the problems of the color management system, for example theoretical background, color appearance, colorimetric background, gamut mapping, standards for color communication and so on.

### 3. Color Design- 21

Color Design is an integral part of cultural history. Colors in landscape, function and ornament were created and enrich our daily lives. Throughout this century, colors contributed to safety, the economy, health and efficiency. Colors also played important roles in ethnic identity. In this symposium, we aim to introduce a new paradigm for color design in the 21st century, that will enable us to incorporate development with preservation and to harmonize high technology, like multi-media, with humanity.

## TENTATIVE SCHEDULE

- Distribution of the Second Circular  
(includes registration and abstract forms): May, 1996
- Deadline for submission of abstracts: November, 1996
- Deadline for Advanced Registration: April 15, 1997
- Deadline for Exhibitor Applications: November, 1996
- Submission of Manuscripts for Proceedings: April 15, 1997

## INVITATION

On behalf of the Organizing Committee of the AIC Color 97 Kyoto, I would like to invite you to the Congress to be held in Japan's beautiful and historical ancient capital, Kyoto, for the period of May 25th to 30th, 1997.

This is the first time that the AIC quadrennial meeting will take place in Asia and we are confident that we can provide you with a new and stimulating environment for discussions of color science, technology and design. As you can see in this First Circular, we are preparing an attractive program for the Congress including several symposia, invited talks and of course a colorful banquet and excursion. I hope you are able to participate in the Congress and help us to make it an exciting forum for the exchange of the newest information about color, its uses and impact in the world as we enter the 21st century.

All of your Japanese colleagues look forward to your contributions and to welcoming Color delegates from all over the world to Kyoto in 1997.



Mitsuo Ikeda  
Professor, Kyoto University  
Chairman of the Steering Committee

## COMMITTEES

The Color Science Association of Japan, President:

Hiroshi Kansaku

Organizing Committee Chairperson: Yoshinobu Nayatani

Steering Committee Chairperson: Mitsuo Ikeda

Steering Committee Secretary: Kenjiro Hashimoto

Scientific Program Committee Chairperson: Hirohisa Yaguchi

Fund-raising Committee Chairperson: Asao Komachiya

Local Committee Chairperson: Yoshimichi Ejima

Exhibition Committee Chairperson: Hitoshi Komatsubara

## CORRESPONDENCE

AIC Color 97 Kyoto/Secretariat  
c/o JTB Communications, Inc.  
New Kyoto Center Bldg. 5F  
Shiokoji Shinmachi, Shimogyo-ku  
Kyoto 600, JAPAN

Tel: +81(JAPAN)-75-341-1618  
Fax: +81(JAPAN)-75-341-1917

## EXHIBITION

An exhibition, featuring the latest developments in Color Technology will be held from May 29-30. Displays will include:

Colorimetry tools and instruments  
Image processing / software  
Newest books and publications, color samples, etc.

## SOCIAL PROGRAM

Various events including a Welcome Reception, Banquet and Excursion are being specially organized for the enjoyment of participants and accompanying persons. The Excursion will also feature opportunities to observe and enjoy traditional crafts and art in the making. Therefore, in the process of appreciating the various cultural treasures the city of Kyoto has to offer, participants will also be able to expand their technical acumen.

## KYOTO - YOUR HOST CITY

As Japan's capital for over a thousand years, Kyoto served as the country's political, economic and cultural hub. To this day, Kyoto remains the spiritual homeland of the Japanese people. Kyoto is also an international center of culture and tourism, admired by approximately 40 million foreign and domestic tourists annually. In December of 1994, seventeen of nearly 2000 shrines and temples in the city were designated as World Cultural Heritage Sites by UNESCO.

## FURTHER INFORMATION

Those who wish to attend the Congress or would like to be exhibitors are requested to return the attached Inquiry card to the Secretariat by March 31, 1996.

Submission of the card does not imply any obligation to participate in the Congress, but does insure the receipt of further information. The Second Circular will only be sent to individuals who submit this card.

## AIC Color 97 Kyoto Inquiry Card

Please type or print

Prof.  Dr.  
 Mr.  Ms.

(Family name) (First name) (Middle Initial(s))

### MAILING ADDRESS:

(street) (city)

(state) (postal code)

(country)

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_  
country-code area-code number country-code area-code number

e-mail: \_\_\_\_\_

I wish to attend the Congress (with \_\_\_\_\_ accompanying persons).  
 I intend to submit a paper entitled: \_\_\_\_\_

I am interested in displaying products at the Exhibition.

Please send me more information.

----- Please fill in your name and address in the label below. -----

(to be used as a mailing label)

## **AIC to Liaise with Other International Organizations Dealing with Colour**

The AIC statutes state that the AIC shall "aim for a close co-operation with existing international organizations, such as, for example, the International Commission on Illumination, the International Standards Organization, and the International Commission for Optics, in so far as colour is concerned. The AIC will not, however, duplicate the work of these bodies nor attempt to take over any of their responsibilities." I have been charged by our President, Professor Dr. Lucia Ronchi, to be a liaison to other international organizations that deal with colour. I am sending out letters that introduce the AIC, contain our most recent newsletter, and finally request how we may be of help to the colour efforts within an international organization. The letter offers the following suggestions for how we, the AIC, may be of help. Our newsletter could be used as a vehicle for keeping members within an organization informed on AIC colour activities. Also, any contributions that an organization has relating to colour would be welcome entries in our newsletter. Co-sponsorship of an interim meeting on a colour topic of interest to an organization is mentioned as another possibility. The formation of an AIC Study Group on a colour topic within an organization that needs to be addressed serves as another suggestion.

Here is a list of international organizations dealing with colour and contact people within those organizations to receive this letter:

Commission Internationale de L'Eclairage (CIE)	János Schanda
International Standards Organization (ISO) Technical Committee (TC) -42	Eduard Scherrer
ISO Technical Officer, JTC1 & JTAG2	Keith Brannon
International Colour Consortium (ICC)	Michael Has
International Electrotechnical Commission TC 84 (Assessment of Image Quality)	Jack Sheldon
ISO/TC130	David McDowell
ITU	LeRoy DeMarsh
International Society for Optical Engineering (SPIE)	Joseph Yaver Jane Lybecker Marshall Weathersby Lionel Baker
Paula J. Alessi Eastman Kodak Company 1700 Dewey Avenue Rochester, NY 14650-1907 Tel: 716-477-7673 FAX: 716-722-1116 email: pjalessi@kodak.com	