



AIC

Association Internationale
de la Couleur

Newsletter 14
1999



AIC



AIC

Association Internationale de la Couleur Internationale Vereinigung für die Farbe International Colour Association

Newsletter 14, April 2000

Edited by Paula J. Alessi

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The President's Report

Mitsuo Ikeda, the President of AIC

"Expanding AIC"

The AIC Executive Committee received a letter from Associacao Brasileira da Color (Brazilian Colour Association) to express their intention to join the AIC and the committee approved the proposal at the EC meeting held at Warsaw, Poland on 21 June, 1999. On 17 September, 1999 another letter to join the AIC came again from South America and that was from Asociacion Boliviana del Color (Bolivian Color Association). The proposal was put to the letter ballot among the EC members and approved on 2 November, 1999. The third was from South East Asia, Thailand. The letter from the Color Group of Thailand came on 27 December, 1999. The proposal was again put to the letter ballot and was approved on 19 January, 2000. We are very happy to have these three countries in our association and hope they will enjoy the membership.

The AIC is expanding in the fields to cover. The themes taken up in the meetings were "Colour & Psychology" at Goteborg, Sweden in 1996 and "Applications of Colorimetry in Industry and Design" at Warsaw, Poland in 1999. It is "Color and Environment" at Seoul, Korea in 2000 and will be "Colour in Textiles" in Slovenia in 2002, though tentative for the theme. Experts attending AIC meetings naturally vary widely. They are psychologists, engineers, scientists, artists, architects, designers, ophthalmologists and chemists to mention just a few. One of the important considerations that the EC has to decide is where and for what theme the AIC meetings go next. Where? We go to all over the world wherever our member countries exist. We went to Northern Europe, to Asia and to Eastern Europe in these past years. We will go to Asia, North America and Europe in the coming years. For what themes? You saw above the themes we covered and will cover. Very wide. You as the AIC member can enjoy hearing papers of very wide range. You can enjoy meeting experts of very wide range also. I hope you will continue to make use of the privilege for you.

The AIC Executive Committee Meeting takes place every year normally at the venue where the AIC meeting is held, either the AIC Congress, the AIC Midterm Meeting or the AIC Interim Meeting. The last EC meeting was held at Warsaw where the AIC Midterm Meeting took place. We thank Mr. Jerzy Pietrzykowski and his colleagues at the Central Office of Measures who provided us the place to meet in his laboratory.



This picture was taken at that time. You see him at the extreme left. You also see the EC members in the picture. They are, from the left Prof. Michel Albert-Vanel, France, Professor Jin-Sook Lee, Korea, myself, Ms Paula J. Alessi, Vice President, USA, Professor Javier Romero, Spain and Dipl-Ing. Frank Rochow, Secretary/Treasurer, Germany

at the extreme right. Professor Maks Tusak from Slovenia was unable to attend this time because of health problem. The lady standing between Javier and Frank is Professor Vera Golob from Slovenia, who came here to invite the AIC Interim Meeting for the year 2002 to her country. We principally agreed to accept the proposal. The final decision will be made at the next committee meeting at Seoul this year including the exact venue and the theme of the meeting.

Any member country is welcome to invite any AIC meeting but we like to receive the invitation letter some years ahead. It is usual to decide the organizing country for the AIC Congress at the proceeding congress, that is four years ahead. For other meetings the EC wants to make decision two years ahead so that the country has enough time for preparation for the meetings. We are waiting for the invitation letters for the AIC Midterm Meeting for 2003 and for the 10th AIC Congress for 2005 at the moment.

All of you should know that the EC encourages anyone to propose the Study Group in the AIC. We have three groups now, Education, Illusion and Environmental Color Design. You can personally join any of these groups to express your opinion in the group and to get information about the subject. If you think that the AIC should study intensely on some subject in color, you are the person who should propose to organize the study group for the subject. Is there anyone who feels to organize the study group on the color vision and color environment for the elderly people for example? You just write to Professor Javier Romero, who is in charge of the AIC Study Groups.

We had a very nice Midterm Meeting at Warsaw, the city of music represented by Chopin and the city of science represented by Copernicus. Did you notice the statue of the composer in the AIC Warsaw poster? We have recently received a well organized proceeding of the meeting. Each author published a full paper up to six pages. One of the highlights of the meeting was the awarding ceremony of the AIC Judd Award. The recipient was Professor Fred W. Billmeyer, Jr. of USA. He was unable to attend at the ceremony but the citation was given by Ms. Paula Alessi as his former student and the full written lecture by him was read by Mr. Calvin S. McCamy.

Now we are ready to go to Seoul to attend at the AIC Interim Meeting in November this year. The Korean Society of Color Studies is a relatively young member to us and it is the first

opportunity for the AIC to visit the country. By attending the meeting, you encourage the young friends in Korea as well as enjoying the opportunity to make friends with them. Korea is located between China and Japan and these three countries have mutually influenced one another in history. They hold many cultures in common but at the same time they originate their own culture. China and Japan use Kanji letters but Korea invented Hunge letters, very logically composed. You should be able to be in touch with both oriental and Korean original atmosphere. I look forward to meeting you at the COEX on 6 and 7 November. After Seoul we go to Rochester, New York, USA on 24 through 29 June, 2001. We are all friends having "color" in our heart commonly.

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AIC Secretary/Treasurer's Report - Frank Rochow

Dear AIC members!

During the last year I tried to further improve the communication between the member organizations and AIC. The use of e-mail around the world is very comfortable and helpful. Please keep me informed about all changes in responsible persons, addresses, phone numbers, etc. within your organizations.

In October I was able to visit J.L. Caivano and others in Argentina, and was pleased to learn that there is a fast growing color community in South America. A most promising fact is that our longstanding national member organization from Argentina together with persons from Brazil and Bolivia organized regional color meetings to support this development of a South American color community.

I have to thank John Hutchings and Heinz Terstiege for auditing the treasurer's report 1997, 1998 and 1999. Everybody acknowledges the hard task they had to fulfill to go through all the paperwork from the transition of office from Kees van Trigt to me, until end of 1999.

The figures of the AIC treasury read as follows:

Compiled details:

Opening Balance for Frank Rochow		
November 7 th 1997	SBV	3.340,25 CHF
May 1 st 1997	Cash	0, 00 CHF
		3.340,25 CHF

!!! An amount of 32.620,17 CHF which was sent out from ING Bank on November 7th 1997 but was credited to the SBV account not earlier than November 11th 1997 does not show in my opening balance at November 7th 1997, as it was still in transfer !!!

Closing Balance December 31 st 1997 SBV	36.765,12 CHF
CASH	61,14 CHF
	36.826,26 CHF

1998: Opening Balance January 1 st 1998 SBV (later UBS)	36.765,12 CHF
CASH	61,14 CHF
	36.826,26CHF

Closing Balance December 31 st 1998 UBS (former SBV)	32.998,52 CHF
CASH	61,14 CHF
	33.059,66 CHF

1999: Opening Balance January 1 st 1999 UBS	32.998,52 CHF
CASH	61,14 CHF

33.059,66 CHF

Closing Balance December 31st 1999 UBS
CASH

26.225,62 CHF

321,00 CHF

26.546,62 CHF

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Prof. Dr. Heinz Terstiege Auditor's Report

for the period Nov. 7 to December 31, 1997

I am happy to report that the SBV account balances and the cash money agree with the statements of income and expenditure supplied for the year ending 31st December 1997.

Prof. Dr. Heinz Terstiege Auditor's Report

for the period December 31, 1997 to December 31, 1998

I am happy to report that the SBV account balances and the cash money agree with the statements of income and expenditure supplied for the year ending 31st December 1998.

Prof. Dr. Heinz Terstiege Auditor's Report

for the period December 31, 1998 to December 31, 1999

I am happy to report that the UBV (former SBV) account balances and the cash money agree with the statements of income and expenditure supplied for the year ending 31st December 1999.

John Hutchings Auditor's Report - AIC Accounts for the period January 1st 1997 to December 31st 1999

I have copies of the AIC accounts and bank statements relating to the three years 1997-1999.

I am happy to record that the UBS Bank Basel account statements agree with the records of income expenditure for the above period ending 31st December 1999. The closing balance in CHF at December 31st, 1999 is UBS Bank account 26.225,62. For obvious logistical reasons, I am unable to confirm the cash balance of 321CHF shown in your accounts.

AIC Executive Committee

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Dr. Ken Pidgeon Professional Partners Pty.
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Call for 2001 AIC Deane B. Judd Award Nominations

This is a call to all AIC members for candidates for the 2001 AIC Deane B. Judd Award. Please note that the Award was established in 1975 to recognize work of international importance in the fields of colour perception, colour measurement, or colour technology. The list of previous distinguished awardees is:

1975	Dorothy Nickerson
1977	W. David Wright
1979	Gunter Wysecki
1981	Manfred Richter
1983	David L. MacAdam
1985	Leo M. Hurvich and Dorothea Jameson
1989	Tarow Indow
1991	Hans Vos and Pieter Walraven
1993	Yoshinobu Nayatani
1995	Heinz Terstiege
1997	Anders Hard, Gunnar Tonnquist, and Lars Sivik
1999	Fred W. Billmeyer, Jr.

Please consider proposing worthy candidates to receive the 2001 AIC Judd Award and respond to Paula Alessi:

Paula J. Alessi, AIC Vice President
Eastman Kodak Company
1700 Dewey Avenue
Rochester, New York 14650-1907
Tel: 716-477-7673
FAX: 716-722-1116
email: paula.alessi@kodak.com

If you propose a candidate, you are requested to provide supporting documentation on the candidate's accomplishments in the world of colour as well as the candidate's biographical information.

Thank you very much for helping in this important process.



NEWS FROM THE ARGENTINE COLOR GROUP

The Argentine Color Group was founded in 1979, and associates institutions and individuals whose interest is the study of color science. The goals of the Group 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 Group organizes lectures, seminars, and congresses, and publishes a journal/newsletter and proceedings of congresses. The GAC organized the International Congress of the AIC in 1989, in Buenos Aires, and four Argentine congresses in 1992, 1994, 1996, and 1998.

FORTHCOMING MEETING

ArgenColor 2000, V Argentine Color Congress

Mendoza, Argentina, May 15-18, 2000. Official languages: Spanish, English, Portuguese. Fee: general \$ 60, students \$ 30. Info: • Haydée Palomo, Secretaría de Extensión, Facultad de Artes y Diseño UNCu, Centro Universitario, Parque Gral San Martín, 5500 Mendoza, Argentina. Tel/fax (54-261) 444-4423. E-mail: extart@uncu.edu.ar. • José L. Caivano, SICyT-FADU-UBA, Ciudad Universitaria Pab. 3 piso 4, 1428 Buenos Aires, Argentina. Tel/fax (54-11) 4702-6009. E-mail: jcaivano@fadu.uba.ar.

Plenary lectures:

José L. Caivano (Buenos Aires): Linguistic and cognitive categorization in the domain of color

Carlos Calvo (Valencia, Spain): Color in food legislation

Elda Cerrato (Buenos Aires): Aims in a proposal for the teaching of color at university levels

José E. Finol (Maracaibo, Venezuela): Semiotics of color: black and white vs color in photography

Mario Garavaglia (La Plata, Argentina): Quasi-moire patterns and false colors

Paul Green-Armytage (Perth, Australia): Colour questions: what? where? who? why? when? how?

Enrique Hita Villaverde (Granada, Spain): Some aspects of color teaching and research

John Hutchings (Bedford, United Kingdom): Colour and appearance in food and design

Luis Jiménez del Barco (Granada, Spain): Considerations on color appearance

Todor Kehlibarov (Bulgaria): Color science and applications in the beginning of the millennium

Aron Kibédi Varga (Amsterdam, The Netherlands): To be defined

Carlos Kirschbaum (Tucumán, Argentina): The visual environment

Roberto D. Lozano (Buenos Aires): A new instrument for color measurement

Solomon Marcus (Bucharest, Rumania): The logic of colors

María L. Mattiello (Buenos Aires): Synchronization of complex stimuli in space and time

Zadir Milla Euribe (Lima, Peru): The chromatic square in pre-Columbian design

Heinz Terstiege (Berlin, Germany): History of colour difference evaluation

Jorge Vila Ortiz (Rosario, Argentina): Chromatic factors incident on the evaluation of products

In addition, more than 100 papers and 3 workshops have been accepted for presentation.

G.A.C. REPRESENTATIVES

Executive Committee: President: José Luis Caivano (2000)
Vice-President: Juan Luis Ferrari (2002)
Secretary: Antonio A. Alvarez (2000)
Vice-Secretary: Cristina Manganiello (2002)
Treasurer: Liliana García Ferre (2002)
Vice-Treasurer: Mauricio Rinaldi (2000)
Vocals: Salvador Melita (2002)
Andrea Pappier (2000)
Diana Varela (2002)
Hugo Sinelnicof (2000)
Marta Chitarroni (2002)
Yanina Chodos (2000)

Control Committee: Roberto Daniel Lozano (2002)
Jorge Omar Sánchez (2000)
Silvio Roldán (2002)

PUBLICATIONS

GAC revista (Journal and Newsletter). This publication started in 1998. Issues published in 1999: vol. 2 Nr. 1 (April), Nr. 2 (August), Nr. 3 (December).

OTHER ACTIVITIES

Courses:

- **Introduction to the science of color**, by Roberto Daniel Lozano, May 7-19, at AAQCT
- **Advanced techniques in color technology**, by Roberto Daniel Lozano, June 15-29, at AAQCT
- **Theory of color and cesia**, by José Luis Caivano, October 20 - November 10, at FADU-UBA

Lectures:

- **Color in architecture: plans for restoration**, by Juan José Ayuso Romero (Akzo Nobel Spain), May 17, 1999, at FADU-UBA
- **The perception of color**, by Horacio Serrano (Ophthalmological Association, Venezuela), September 25, 1999, at FADU-UBA

Natural Color System and its applications from design to production, by Åke Svedmyr
(Stockholm, Sweden), December 17, 1999, at FADU-UBA

Grupo Argentino del Color, SICyT-FADU-UBA
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The Colour Society of Australia Report

Undoubtedly the highlight of 1999 for The Colour Society of Australia was our 7th National Colour Conference, held every 2 years, titled "Colour Interaction," held at the Australian National Maritime Museum in Sydney NSW, from September 23-25th, and hosted by the New South Wales Division. During the two day conference a total of 24 papers were presented, which included seven from overseas: Austria, England, Japan, New Zealand, Norway and Sweden, with the other seventeen being Australian. Many topics were addressed and a full report is available. It was a splendid expertly organized and executed event.

The next conference in 2001 will be organized by the South Australian Division and offers of speakers with international expertise and information are welcomed now.

The National Executive of The Colour Society of Australia is centered around Adelaide, with the President being Dr. Ken Pidgeon, President Elect Ms. Eva Fay (NSW), National secretary Mr. Ian Threlfall and National Treasurer Mr. Len Corena. The Chair will move to NSW late in 2001 following the next Conference and 2001 AGM.

The Colour Society of Australia was inaugurated in 1987 and has Divisions in New South Wales, Victoria, western Australia, South Australia and Queensland.

The membership is drawn from people whose work and interests involve colour. Our objectives are:

Provision of a forum on colour and its application in science, industry, the visual arts and education.

Promotion of colour consciousness, both within colour related spheres and in the wider community.

Fostering of international collaboration in colour.

Provision of avenues for the acquisition of colour information for all the members of the community.

Encouragement and promotion of research into all aspects and applications of colour.

SPECTRUM, the Journal of the Colour Society of Australia, is published 3 times a year. It contains information about events and developments within the Society and the international colour arena, as well as including the texts of papers delivered at the national conferences and divisional meetings and encourages the submission of original materials.

We wish to interact more with overseas people who are venturing "down under." We have the ability to host visitors to each of the states, and are keen to foster more movement of colour

knowledge this way. If you are planning to visit, and have something relevant to say about Colour, then please make contact with me.

Forward plans include a desire to host the AIC Congress in 2005, centered about Melbourne, Victoria.

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Color Group- Bulgaria (CGB) Report

The head event of 1999 was the BULCOLOR '99 International Conference, which took place in Varna, Bulgaria, from 8th to 10th of October 1999. At the inauguration and Opening Ceremony of BULCOLOR 99, Dr. Michel Albert-Vanel, Executive Committee member of AIC and Dr. Hans-Seidel LOFBERG-President of CIE participated. Many representative sponsors also attended.

Eighty specialists from 10 countries participated in the conference and 41 reports were represented. Proceedings in English and color pictures are published in 270 pages. (Upon request, contents and price can be obtained.)

At the same time and place, 2nd students Competition on art, design and architecture took place. Students from 5 universities showed their color projects. A jury with chairperson Dr. D. Bartsch, President of PRO COLORE (Switzerland), which sponsored the prizes, assessed the projects. CGB expresses satisfaction and gratitude about the collaboration with PRO COLORE:

New Initiatives:

CGB offers to all member-countries of AIC its ability to organize in Bulgaria Joint International Color Conferences in this and in the next years. By request, please contact:

Color Group - Bulgaria
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Sincerely,
Assoc. Prof. Dr. Todor Kehlibarov, President

Centre Français de la Couleur Report

Centre Français de la Couleur

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email : chromos@club-internet.fr

2000 Committee : Chairman : Guy Lecerf, Vice-Chairman : Michel Indergand, Treasurer : Jean-François Decarreau, Secretary : Patrick Callet – Jérôme Dupont, Philippe Fagot, Marjory Salles, Robert Sève, Lionel Soulié, Daniel Steen.

Founded in 1976, the Centre Français de la Couleur is an interdisciplinary association whose goal is to develop interest for the various aspects of colour, and it favours exchanges among its members about that matter.

Publications : Primaires, internal newsletter for members (4 issues a year, 8 pages each issue)
Each issue contains news related with colour events, meetings, etc, short analysis about new publications, and one or two original papers.

Activities :

Vocabulary of color terms : The very active committee working on terms of color and vision for updating the CIE vocabulary (closely related with CIE Division 1, Dr M. Pointer chairman) has completed its work. The committee is now extending its work to a much larger set of color terms of the French vocabulary.

CIE : Members of the CFC are involved in some technical committees of CIE Division 1 : rewriting of Publication 15 Colorimetry, report about numerical procedures in colorimetry, and so on.

Standardization : The scientific committee is always working on color standardisation with AFNOR. Standards related with color measurement are the present subjects.

Meetings :

Toulouse, June 1999 : Couleur, expression d'un peuple et d'une culture (Morocco). The CFC was participating in the organization of this meeting.

January 14, 1999 – May 17, 1999 : Work with groups interested in color has been started : C2RMF (Research laboratories of the French Museum), Ôkhra (involved mainly in natural pigments, dyes and ochres), Chromophore (group of scientists involved in research on colour and light), and so on.

A spring school entitled "Materials, light and visual perception" will be held in Apt, Vaucluse, (March 14-19, 2000) with these groups.

The CFC is developing its website, which might be open during the second quarter of the year 2000.

The Colour Group (Great Britain) Report

The Colour Group's year in 1999 started with our usual all day vision meeting, held at the Institute of Ophthalmology in January, the theme this year being Comparative & Biological Aspects of Colour Vision. In February we had an afternoon of papers and posters at City University provided by postgraduate students from London and Cambridge, with a Guest lecture by the Group's next Chairman, Anya Hurlbert. In March John Mollon hosted a meeting on the history of Colour Theory, held in the splendid surroundings of Gonville & Caius College, Cambridge. This turned out to be an international meeting; two visitors from France spoke about Chevreul, and Daltonism in painters, while John Gage's title was Goethedämmerung.

John Holmes was 90 in April, and we celebrated with a John Holmes day and dinner at City University. The presentations included a lively interview of John Holmes by Arthur Tarrant, and papers by Mike Pointer, Eddie Ruffell of Lee Filters and Margaret Halstead. May saw the Annual General Meeting and the retiring chairman's address, given by Julie Taylor on 'How accurately can we quantify colour?'

In June our summer visit took us to the Colour Museum in Bradford, where we were shown not only the Museum, but some of the work done by the Society of Dyers and Colourists, who host the museum.

Our season resumed in October with the Newton Lecture given by John Mollon on The Colour Sense: its Origin and Development. This was preceded by the presentation of the Colour Group's specially minted silver Newton Medal to John by our new chairman, Anya Hurlbert, and was followed by the Newton Dinner at an Islington hostelry.

In November the Group joined with the Applied Vision Association for another Postgraduate meeting, this time with Alan Cowey as a guest speaker, and (an innovation for the Colour Group) the two organisations each gave a prize of £100 for the best two speakers of the day, (excluding Alan Cowey of course, who assisting in the judging.) The prizes were presented at the end of the meeting to Andrew Welchman and Paul Morrill.

The year ended with a meeting at the Royal College of Art on Camouflage, with a mix of presentations including military camouflage and Jim Mallett's fascinating study of the evolution of warning colours in the butterflies of South America. We look forward to a year in which we continue to break with tradition in several ways, and in which the AIC comes to Great Britain.

1999 Report of the Hungarian National Colour Committee

Address:

Hungarian National Colour Committee
Prof. Antal Nemcsics
1185 Budapest,
Ungv'ar u. 42.
E-mail: nemcsics@matavnet.hu

Representatives:

Antal Nemcsics (President), Jozsef Hededus (Secretaries), Sandor Csanyi, Attila Csaji, Eva CsEregh, Jozsef Finta, Melinda Foldvari, Denes Gulyas, Pal Gerzson, Miklos Kapsza, Attila Koppany, Norbert Kroo, Guyla Lukacs, Attila Medgyasszai, Laszlo Miskei, Akos Nemcsics, Janos Schanda, Agnes Stahl, Arpad Szende, Tibor Szentpeteri, Akos Takacs, Ferenc Torok, Klara Wenczel (Ordinary Members).

Activities:

There have been three plenary committee meetings attended by a wide range of Hungarian specialists, concerned with the following scopes: Colour qualification and the Hungarian National Colour Standard, Functions of colours in the economical life, and the importance of colour in forming the visual aspect of Budapest and other cities.

The Coloristic Section organized a Coloristic Symposium in Tata (Hungary). Reports were concerned with colour prescriptions, colour appearance, colorimetry and environmental colour design.

At the Technical University of Budapest, the section of Colour Dynamics organized four consultations introduced by reports.

The International Colour and Light Foundation organized an exhibition about the recent achievements of environmental colour design in the Galleries of Budapest, Debrecen, GyEr (Hungary).

A new post-graduate section in Specialist Engineering of Colour Expertise and Colour Dynamics has been launched at the Technical University of Budapest.

Publications:

Three publications of the informative circular "ColourInfo" (Szinfo).
Colourland Law CD Rum

Meeting:

27th Coloristic Symposium, 27-29 September 1999 Tata (Hungary)

ASSOCIAZIONE OTTICA ITALIANA (AOI) Report

The AOI is a non-profit organization which, since the thirties, aims at spreading up-to-date culture in the matter of "light and images", and in particular, in the matter of color, in view of the growing interest on it in our country.

During the year 1999, the Journal "Luci e Immagini" has been regularly edited. The table of contents since 1995 is displayed in the November-December issue.

Individual requests of information are regularly fulfilled, day after day. However, people sharing a common interest are covered by a sort of umbrella, the so-called Study Group, a sort of forum for free debates and exchange of ideas. Some of the recent facts are displayed below.

Thesis

a) - a Thesis in Optometry has been prepared at the International Institute of Optical and Visual Sciences of Pescia (PT). A lot of experimental material has been collected, to inquire about the use of color in childhood, by focusing, in particular, on the transition from kindergarten to elementary school, where the transition is likely to occur from the use of monolexic basic color categories to non-basic color naming, having learned the color of an increasing number of familiar objects.

b) - the AOI has been requested to organize a thesis on "Color and Sociology" in the framework of the University of Urbino. The first part (of philosophical flavor), concerns how the Gestaltic ideas influenced Sociology. The second part concerns the sociological value of the use of color, from the multidisciplinary viewpoint.

Practical applications

- A group of students of an Academy of Art, involved in the restoration of the frescoes in an ancient palace, requested help to form a research group of color allowed and related constraints in heraldry. The AOI contribution consisted of making clear that the allowed colors are to be named through the basic monolexic categories and that the rules concern the chromatic contrast (between juxtaposed color, or in the figure-ground paradigm)

- Some architects, lighting engineers, and urban planners, are involved in a wide research program concerning color appearance in the city-by-night, looking, in particular, for the optometric component of gloom, the dependence of color appearance on environmental lighting, the contextual influences, etc.

- A match between painters and visual experts is in course, under the drive of a follower of Rudolph Arnheim, the Professor Augusto Garau, author of a recent book entitled "Le Armonie del Colore". For a long time, the laws of "composition" have been applied in painting; times seem to be ripe, now, to attempt a comparison with the related findings obtained in visual laboratories

- A "Regional Commission" of Emilia Romagna (troubled by long-lasting fog), organized a multidisciplinary meeting, where the AOI, through Sergio Villani, focused the visual problems (from the degradation of chromatic and achromatic contrast, to the "virtual" aggravation of some eye diseases and of some physiological age-related changes).

Connections with other organizations

The Istituto del Colore (Milan) is in a good and friendly connection.

- L. Ronchi is invited to take part in the periodical meetings of their Scientific Board, where the steering group, the manager, R. Salardi, and two powerful coordinators, present their program of activity, by opening the discussion.

- Their President, Mr. J. Tornquist, recently published his book "Colore e Luce, teoria e pratica", a source of relevant and interesting information, which deserves due attention and meditation

- A paper by L. Ronchi, was published on their Journal "Colore", spread over four issues. It concerns some experiments, where the NCS 2nd Ed. was used. The findings support the old idea that the "personal" reference used when assessing color appearance, and somehow rendering possible color constancy may be mediated by the (contextual) presence of the hands in the visual field.

On May 6th, thirty members of the Slovenian Colourist Association, headed by Prof. Slava Jeler, arrived to Florence, traveling by bus, directly from Maribor. The AOI had fulfilled their request to organize a visit to some textile dyeing industries.

Award

The President of AOI, Prof. Sergio Villani, was awarded the title "doctor Honoris Causa Universitatis Latviensis" in Riga.

Lucia R. Ronchi

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FAX +39.55. 22 20 90

Report 1999 of the Color Science Association of Japan (CSAJ)

1999 Board Members

Asao Komachiya (President), Noyuki Osaka (Vice-President), Satoru Kuno (Vice-President), Akira Kitabatake (Chair of Kanto Chapter), Sanjiro Murakami (Chair of Kansai Chapter), Yukie Katoh (Chair of Tokai Chapter), Shoko Ashizawa (Treasurer), Hirohisa Yaguchi (Representative to AIC), Hideaki Kawasaki, Hiroshi Shimazaki, Kazuo Jo, Kenji Sugimoto, Sanae Nakagawa, Hiroshi Hasegawa, Koji Ogata, Kimiko Kasai, Katsuaki Sakata, Masako Satoh, Masanobu Nishimura, Kotaro Hirate.

Meetings

The 30th annual meeting of the CSAJ was held at Bunka Women's University, Nagoya, on May 15-16, 1999. The number of participants was 250, and 51 papers were presented. Seven companies put measurement instruments and books on display at another annexed exhibition.

The 19th Kansai Chapter annual meeting was held in Osaka on Feb. 2, 1999 with 71 participants. Fifteen oral presentations were made from various fields of color science and its applications. The invited paper was given by Prof. T. Morita on "Restoration of Cultural Properties and Color."

Color Forum Japan 98 was held in Tokyo on Nov. 9-11, 1999. The number of participants was about 259, and 44 papers were presented. Two special sessions were programmed. One was "Multispectral imaging and color" and the second one was "Color with digital device."

The CSAJ cooperated to organize the International Conference, "Use of Color: From Fundamental to Application" held in Thailand on April 2-3, 1999.

Awards

1999 CSAJ Award: Dr. Masamitsu Ohshima

1999 CSAJ Annual Paper Award: Mr. Kiwamu Maki

Study Group

In 1999, CSAJ has 11 study groups; *Color Design, Environmental Color, Color Education, Colorimetry, Color Coordinate, Curriculum for Color Education, Tutorial Materials for Color Education, Personal Color, Illusion, Color Vision, and Color in Culture.*

Publications

Journal of the Color Science Association, Vol. 23, No.1-4 and Supplement, 1999 were published. CSAJ News were published bimonthly.

The Korean Society of Color Studies Report

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Home-page: <http://ailab.korea.ac.kr>

1) The Korean Society of Color Studies has been formally established as a corporation aggregate under the authorization of the Ministry of Commerce, Industry and Energy.

2) The English version of the Society homepage will be opened on the 1st of March(<http://ailab.korea.ac.kr>). There is also a link to the 2000 AIC Meeting Seoul homepage (<http://www.eventnet.co.kr/~aic>).

3) 2000 AIC Meeting in Seoul, Korea

The 2000 AIC Interim Meeting will be held in Seoul, Korea. It is scheduled for 6 ~ 7, Nov. 2000 at the COEX. The Organizing Committee welcomes all members of the AIC to participate in the Meeting, and we hope that many scholars from all over the world would come to Seoul and share opinions with each other. The topic of this year's meeting is Color and Environment. The role of color in human life is drastically increasing. We will be discussing the role of color related to various environmental problems. All manuscripts for proceedings that belong to the fields of Color Science, Color Technology and Color Design, as well as the main theme Color and Environment are very welcome.

The first of Seoul International Color Exhibition will be held from November 4th to November 7th at the COEX. Many widely known companies, domestic and foreign, that produce color related products will be taking part in the Exhibition, and there also will be a chance for them to give a company presentation at the Exhibition site. You will be able to know at a glance how the academic research of color is being applied in practice, and the information exchange of color as the foundation of industry and a basis of industrial materials will be greatly promoted.

Seoul will be a very interesting city for you, as modern city life and traditional culture can be seen co-existing in everyday life. Behind the tall buildings, there are many attractive ancient buildings - that are still in use - and monuments peeking outside. We are very eager to show you the city of Seoul, and an Excursion sponsored by the Organizing Committee is being scheduled for the next day of the Meeting.

There are many hotels nearby the venue, and the COEX Inter-Continental, which is to be newly opening in March, 2000, will be the official hotel for the Meeting. We will be able to have single and double rooms at discounted prices, and it is only 2 minutes walk from the COEX.

I hope that this meeting should be a fruitful one, and we look forward to seeing you in Seoul this November.

4) There was a change in the executive members of KSCS on 1st, January, 1999, as the following;

President: Prof. Mahn-Young Lee
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Secretary/Treasurer : Young-Sun Kim Ph.D.
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Secretary(international) : Prof. Young-In Kim
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e-mail : yougin@bubble.yonsei.ac.kr

5) KSCS activities

* KSCS published an issue (No. 16, 17) of the biannual newsletter :
KSCS Newsletter, 1, Dec. 1999

* KSCS published an issue (No. 12, 13) of biannual journal, Journal of Korean Society of Color Studies, Dec. 1999.

* The major event for KSCS is the biannual Symposium. The Summer Symposium in 1999 was held at Korea University in Seoul (12, Jul. 1999). The Winter Symposium was held at Ewha Women University in Seoul(11, Dec. 1999). Twelve studies were presented in The Winter Symposium covering various topics such as the following; Advances in color technology, color and emotion, color imaging, naming system of color, color in education.

Also, Prof. Hirohisa(Recent Research of Color Image), Dr. Maeng-sub Cho(Electronics and Telecommunications Research Institute, Color Science and Color Image) gave a lecture as the invited speakers.

Please contact Young-Sun Kim(kalasan@kucenx.korea.ac.kr) for further information about KSCS.

Yours Sincerely

Young-Sun Kim

Young-Sun Kim, Secretary.
Korean Society of Color Studies
Dept. of Psychology, Korea University
1, 5-Ka Anam Dong Sungbuk-Ku
Seoul, Korea 136-701

Colour Group of the South African Optical Society Report

During the past year, the main objective of the Colour Group was to expand its membership list. A large number of companies involved in colour related activities, but not yet members of the Colour Group has been identified, contacted and invited to a meeting, which will be held on 30 March 2000. It is anticipated that a number of companies will join the Colour Group at this meeting.

Possible research topics considered to be of interest to the South African colour industry will be identified and Working Groups will be established to conduct the research. Also at this meeting, the proposal of holding a conference on colour at the end of the year will be discussed. If the proposal is accepted, a theme, dates and a venue will be decided on and key-note speakers will be selected. The remaining organizational activities will be the responsibility of the Colour Group Committee.

A webpage has been established to facilitate communication between Colour Group members, to publish important events, to give useful links and to provide general information on the Colour Group. The web address is: <http://www.nml.csir.co.za/Colour Group>.

A need for training has been indicated by a number of colour technicians. A comprehensive colour course including topics such as Basic Colour Theory, Colour Measurement and Specification, Colour Measurement Errors and Uncertainties, Image Technology and Colour Perception, is being compiled. The first course will be presented in October 2000.

Ms Natasha van Tonder

Colour Group of the South African Optical Society

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REPORT FOR THE AIC NEWSLETTER
YEAR 1999

The Spanish Color Committee has continued working for Color and the enlargement of the committee during this year. The most notable activities are summarized next.

Our World Wide Web page (<http://sedo.optica.csic.es/color/color.html>) is becoming a very visited site on the Internet as an information window for Spanish speaking people. We would like to increase the information available and to offer as many interesting links as possible. Should you like for us to have a link to your web site, let us know about it. Goals and aims of our society and members of the Board may be found in this Web page, including their postal and electronic addressees.

The fifth edition of the Spanish Color Congress was held in 1999, from June 9th to 11th in Terrassa, a nice city close to Barcelona. Our Committee and the Politechnical University of Cataluña organized it. There was a large attendance at the meeting and more than 100 communications were presented, covering most of the subjects related to color: Color vision fundamentals, basic Colorimetry, applied Colorimetry, industrial problems, color imaging, teaching color, color in arts and Architecture. Invited presentations were of great relevance, as corresponding to the speakers category: “Assessing light source quality”, by Dr. J. Schanda; “Mi color. Notas sobre lo que representa el color en mi pintura”, by Dr. Hernandez Pijuan; “Output on silver halides materials. Analogue versus digital technology”, by W. Berger; “Colour reproduction-Past, present and future”, by Dr. J. Morovic; “Problems in colour managed workflows: An illustrated case study”, by J. M. Lammens.

A short course on the problem of measuring and specifying color has been organized in November this year. The course was intended for people working in industry laboratories and any other technical or design activities related to color in industry. It was prepared as a fundamental course, although great attention was paid to real situations and practical problems. Color vision, standard observers and illuminants, spectrophotometric specification of materials, color spaces and notation atlas, color difference evaluation, instrumentation to measure color, color reproduction, measurement of displays or fluorescent materials and industrial color applications, were among the subjects of the course. Practical exhibitions of color instrumentation were available to attendants.

We all expect for year 2000 to be greater and much more fruitful for Color than 1999.

The Color Group of Thailand (CGT) Report

The CGT was established in September 8, 1998, as the result of 16 active board members from various industries, who were interested in color and gathered together. Mr. Santi Songsersawas, from the printing industry, is our first President; and Assistant Professor Dr. Aran Hansuebsai is Secretary.

The main objective of CGT is to encourage the Thai color scientists, engineers, and users to understand more about color applications as well as to do research in such fields; and to share the results and experience among them.

The meeting is regularly held every 2-3 months, together with a seminar on special topics by invited color specialists. The activity is open to the public, including students.

Activity Report

In 1999, we held 4 meetings and seminars on several topics relevant to color reproduction in Textiles, Gems, Ceramics and Graphic Arts, including the impact of color on Plantation and Psychiatry. In addition, we organized the first successful conference: "Use of Color: From Fundamentals to Applications for 21st Century" in Bangkok. We had cooperation from CSAJ, by sending a group of speakers to Bangkok. There were 18 presented papers altogether, 9 of which were given by Thai researchers.

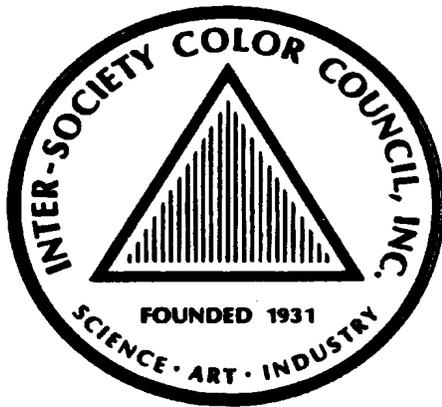
This year the CGT plans to hold the annual meeting in October with a color forum entitled "Standardization of workflow format and color management in Graphic Arts". Professor Dr. Kurt Schlaepfer from EMPA, St. Gallen, Switzerland is our guest speaker.

Notification of Address

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Inter-Society Color Council



The Inter-Society Color Council was founded in 1931 to advance knowledge of color as it relates to art, science, and industry. Each of these fields enriches the others, furthering the general objective of color education. There are three classes of membership: Member-Body, Individual, and sustaining. Delegates are appointed to represent ISCC member-bodies, which are national organizations whose members have a professional interest in color. The ISCC has a large number of individual members and any person or organization who

desires to support the goals of the ISCC can become a sustaining member. The ISCC publishes a newsletter six times a year under the editorship of Prof. Gultekin Celikiz featuring accounts of various meetings, activities, book reviews, and articles of interest about color.

The ISCC representative to the AIC is Dr. Michael H. Brill, President of the ISCC. The ISCC office is located at 11491 Sunset Hills Road, Reston, VA 20190. Tel: 703-381-0263, Fax: 703-318-0514, iscc@compuserve.com, and our "newly renovated" website: <http://www.iscc.org>.

The ISCC has had a very exciting and active year beginning with the 68th Annual Meeting in Vancouver, B.C., Canada, in May 1999 co-locating with TAGA. Prof. Robert Chung who also moderated the bridge symposium's Color Management Panel chaired the Annual Meeting. At this meeting, the ISCC presented the Nickerson Service Award to Dr. Danny Rich and the Godlove Award to Mr. Calvin S. McCamy. Joy T. Luke and Henry Hemmendinger were given Honorary Membership status. The Annual Meeting had a full complement of interesting speakers representing the three Interest Groups and the Education Committee. Attendees and guests were treated to a lovely evening on a harbor boat cruise which included a salmon fest. Impressive poster presentations were viewed and discussed during a wine and cheese reception overlooking the marina. Ralph Stanziola, Dan Phillips and Bill Gresho were welcomed as new ISCC Board members. The international attendance was represented by Germany, Taiwan, England, Australia and Switzerland. Bob Chung presented a highly organized and informative annual meeting for the ISCC.

In February 2000, the ISCC held its 2nd Panchromatic Conference, Color In Its Surround, chaired by Dr. Cynthia Brewer and located in Savannah, GA. This conference was exceptional in its unity of focus given that the speakers and attendees came from a large variety of professional disciplines, not to mention the international countries represented: UK, Venezuela, France, Taiwan, Sweden and Hungary. The charm of Savannah complemented the diversity of the conference and a reception hosted by the Savannah College of Art and Design (including an ISCC poster session and

a color art exhibit) rounded out this remarkable meeting. Dr. Brewer certainly produced a memorable conference.

The ISCC has three current Project Committees: #51 - Materials Standards and Their Use in Calibration and Verification, chaired by Art Springsteen and two new project committees: #52: Comparative List of Color Terms II, chaired by Ellen C. Carter, and #53: Annotated "Webliography" of Color, chaired by Michael H. Brill. The two new project committees will be meeting at the upcoming Charlotte Annual Meeting and are seeking new members and input from the ISCC membership at large.

Through a new election bylaw change, three new board members were elected by the membership at large; Robert Buckley, Mary McKnight and Alan Kravetz. They will be welcomed at our 69th Annual Meeting to be held in Charlotte, NC co-located with CPMA, April 2000. At this luncheon two ISCC awards will be presented: the Macbeth Award to Dr. Brian A. Wandell, and the Nickerson Service Award to Hugh S. Fairman. Dr. Eugene M. Allen will be honored as a new ISCC Honorary member. Additionally, at this meeting the the presidential gavel will be passed from Michael H. Brill to Jack A. Ladson. Dr. Danny Rich will become the new ISCC President-elect. The ISCC would like to thank Mike for his able leadership of the ISCC during his term, along with his guidance and dedication to our society.

Environmental Color Design (ECD) Study Group

of the Association Internationale de la Couleur (AIC)

Chairpersons: Leonhard Oberascher - José Luis Caivano

The AIC Study Group on ECD is an international community of scientists, designers, architects, artists and other professionals with a specific interest in color as a means of environmental design and its effects on human emotion, cognition and behavior.

E-mail list on color

of the AIC ECD Study Group

The e-mail list COLOR is mainly intended for:

- discussion of topics related to color design,
- posting news and information of interest to subscribers.

Call for subscriptions

This is an invitation to subscribe to the electronic list COLOR. The list has already more than 140 subscribers from more than 20 countries. Subscription is free.

Every interested person can subscribe to the e-mail list without necessity of being an ECD member. The list is automatically handled by the program Majordomo, with a server at the School of Architecture, Design and Urbanism of Buenos Aires University. In order to be included in the list, just send the following message to majordomo@fadu.uba.ar:

subscribe color <your email address>

(just this line in the body of the message, no subject, no signature)

Participation is voluntary. Subscribers have no obligation to answer messages or get involved in a discussion. If you wish, you may just use the list to receive information and read what the others discuss.



AIC Color 01 Rochester Invitation

On behalf of the Inter-Society Color Council and the Organizing Committee of the AIC Color 01 Rochester, I would like to invite you to the ninth AIC Congress to be held in "The World's Image Centre," Rochester, New York, USA. The dates for the Congress will be June 24th to June 29th, 2001.

The AIC Quadrennial Meeting has not taken place in the United States since Color 77 Troy so we are pleased and excited about hosting our color colleagues from around the world 24 years later in the year 2001. This Congress promises to be stimulating and innovative as state-of-the-art color science, technology, art, and design ideas are shared. You can see from this First Circular that we are preparing a dynamic program for the Congress, including symposia, invited talks, contributed and poster papers, and an entertaining excursion and delectable banquet.

I strongly encourage you to accept this invitation to participate in the ninth AIC Congress and join with us in making an exciting forum for the interchange of the latest color concepts that we all face in the 21st century. All your United States Inter-Society Color Council colleagues look forward to your contributions and to welcoming our color friends from all over the world to Rochester, New York, USA in 2001.

Sincerely,

A handwritten signature in cursive script that reads "Paula J. Alessi".

Paula J. Alessi
AIC Vice President
AIC 01 Steering Committee Chair

AIC Color 01 Call for Papers

The 9th Congress of International Colour Association (AIC) will be held in Rochester, New York, USA on June 24 - 29, 2001. This Congress takes place within an AIC member country once every four years and features state-of-the-art progress in color science around the world. The 9th AIC Congress will be hosted by the Inter-Society Color Council (ISCC) and coincide with the ISCC Annual Meeting.

The sessions will cover all aspects of color and appearance in science, art, design and industry. It will include social functions to get to know your fellow-workers in color, visits to nearby places of interest, symposia and panel discussions among experts.

You are invited to contribute papers within the following general categories:

- * *What is color.* Topics could range from the philosophic to the practical description and causes of color.
- * *What is color for.* Color styling in fashion, cosmetics home furnishings and automobiles, color design, color in art, color in architecture, environmental color design, graphic arts, color coding, color in culture.
- * *How does color work.* Color in light sources, color vision, deficiencies, clinical and biological aspects, computational color vision, machine vision, color preference, color harmony, color memory, color illusions, color image processing.
- * *How can we control color.* Colorimetry, color difference, color appearance, color measurement, appearance measurement, photometry, color rendering, color adaptation, color constancy, metamerism, color imaging, color reproduction, device independent color, color management systems, color displays, color hard copy, color order systems, industrial color, color matching, color restoration.
- * *How should we teach color.* Color education, teaching aids, academic and industrial educational needs, continuing education in business.

Papers may be oral or poster presentations on recent technical innovations, non-commercial in presentation. Papers must include new information that has never been previously reported. Up to 20 minutes will be allowed for oral presentations. If you would like to present a paper at the meeting, please contact the Program Chairman before August, 2000. Extended abstracts will be required by November, 2000 for acceptance and notification by the Program Committee by March, 2001.

Program Committee Chairman:

Dr. Allan Rodrigues

E. I. Du Pont

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AIC Color 01 Exhibition

An exhibition featuring the latest developments in Color Technology will be held from June 25-26, 2001.

Displays will include:

- * Colorimetry tools and instruments
- * Image processing/software
- * Latest books and publications, color samples, etc.

For more information, contact Kevin McGuire, Exhibition Chair.
Email: soluxtli@earthlink.com

AIC Color 01 Social Program

The social program will include many exciting events such as a welcome reception, a conference banquet and an excursion that will provide ample opportunity to socialize with colleagues while enjoying the sights of the "imaging city." Additionally, companion events will be available for guests of conference attendees. Rochester boasts many options for entertainment to include museum visits, sporting events, musical performances, outdoor activities, and the nearby wine country of the Finger Lakes Region.

Rochester, New York is known as "The World's Image Centre" due to its unique imaging history; its impressive educational opportunities in the imaging sciences; and its vast number of businesses engaged in some aspect of imaging technology, services, or products. Three internationally famous corporations also had their start in this image-making city: Bausch & Lomb, Eastman Kodak, and The Document Company, Xerox. An interest in color goes hand-in-hand with such an outstanding array of imaging possibilities in Rochester.

For more information, contact Cathy Daniels, Social Program Chair.
Email: daniels@image.kodak.com

Return Reply Card to Receive Part II AIC Color 01 Responses Needed

In November, the first circular for AIC Color 01 was distributed. Included in that circular is a reply card to indicate your interest in attending the conference. If you plan on attending the conference, please fill out the reply card now and send it in. If you lost the circular, an online form is available at www.iscc.org/aic2001/. If the web is unavailable to you, fill out the reply card on page 40.

The reply card provides critical information regarding both the conference attendance and technical content. The AIC quadrennial congresses have historically included more conference and extracurricular activities. These types of events require significant planning. Your reply will help us estimate the numbers of attendees for these events, as well as provide advanced information to the Technical Committee regarding potential paper submissions.

If you fill out the reply card on page 40 and send it in to the AIC Color 01 Secretariat, you will be assured of receiving the second circular for the AIC Color 01 Congress.

Thank you in advance for helping out with this critical information gathering process.

Dave Wyble
Publicity Chair, AIC Color 01

AIC Color 01 Rochester Reply Card

Please type or print

Prof. Dr.

Mr. Mrs.

_____ (family name) (first name) (M.I.)

Mailing Address:

_____ (Street) (City)

_____ (State) (Postal Code)

_____ (Country)

Tel: _____ Fax: _____
(Country code - area code - number) (Country code - area code - number)

Email: _____

_____ I wish to attend 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.

Send to: AIC Color 01 Secretariat,
c/o Inter-Society Color Council
Ms. Cynthia Sturke
11491 Sunset Hills Rd., Reston, VA 20190
USA