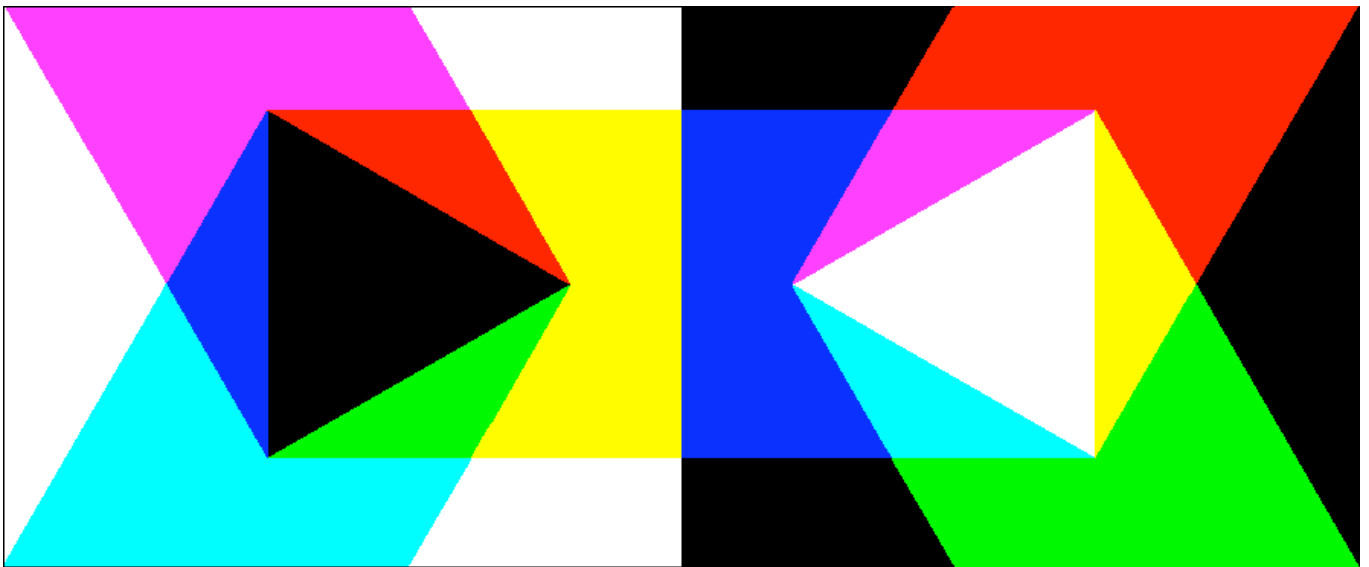




**ASSOCIATION INTERNATIONALE DE LA COULEUR
INTERNATIONALE VEREINIGUNG FÜR DIE FARBE
INTERNATIONAL COLOUR ASSOCIATION**

**NEWSLETTER
2006**



NO. 20

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EDITOR'S NOTE

This is my first Newsletter and I have tried to maintain its historical style, not easy for an American using A4 paper for the first time. This Newsletter would not have been possible without the help and guidance of Paul Green-Armytage, the editor during 1990-1993 and 2002-2005, and our current AIC President, José Luis Caivano.

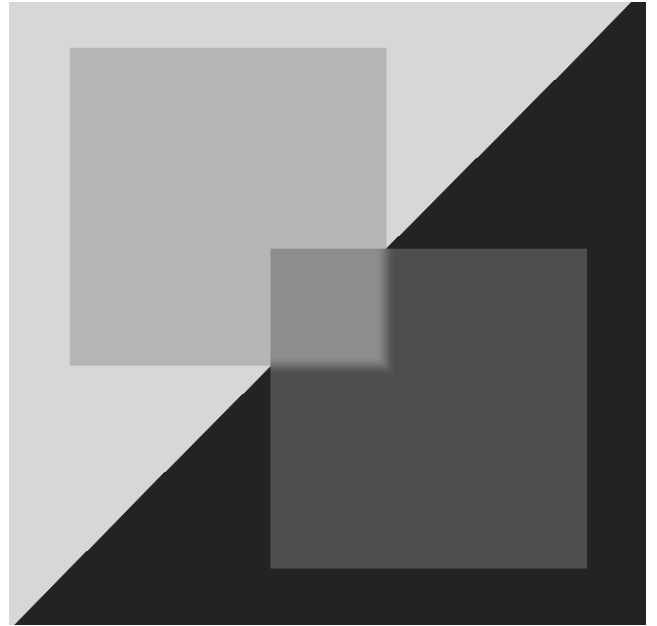
In this Newsletter, most of the news originates from our Member Organizations and Study Groups. In the future, I will be able to report on the Interim Meeting, "Colour in Culture and Colour in Fashion," to be held in Johannesburg, South Africa, October 24-27, 2006.

As a color and imaging scientist, I often think about images and how easily they convey complex and interesting information. I hope to increase the number of images in the next Newsletter. At any time, please send interesting images, illusions, and news items to me.

This newsletter can be downloaded at:
<http://www.aic-color.org/> or <http://www.aic-colour.org/>.



Roy S. Berns
September 2006



All of the colours are the same; nevertheless the light square appears behind in the top picture and in front in the bottom, because the Cornsweet contrast at the inner lower margin is different. (Images provided by Osvaldo da Pos.)

PRESIDENT'S REPORT



Dear friends, in my first report for the Newsletter as the AIC president, I want to express my recognition to the previous AIC executive committee: to former president Paula Alessi, who has dedicated her best efforts and capacities to the AIC during 12 years in three consecutive terms (first as EC member, then as vice-president and finally as president), and has been my continuous example and immediate point of reference; to Paul Green Armytage, who served as vice-president during two years and after his resignation completed the term as EC member, who was the historical editor of the Newsletter and is one of my best friends in the AIC; to Frank Rochow, the secretary-treasurer who managed with admirable efficiency the AIC matters during two consecutive terms, under the presidencies of Mitsuo Ikeda and Paula Alessi; and to Joaquín Campos, Aran Hansuebsai and Hirohisa Yaguchi, with whom I shared not only work but also many enjoyable moments during the past four years.

As the only remaining member of the immediately preceding executive committee, I warmly welcome the new members: vice-president Berit Bergström, secretary-treasurer Javier Romero, and EC members Roy Berns, Osvaldo da Pos, Nick Harkness and Guanrong Ye. The distribution of our responsibilities is as follows: Berit is acting as the chair of the Judd award, coordinates the study groups, continues to chair the Study Group on Color Education and will organize the Interim Meeting 2008 in Stockholm; Javier handles the bank account and the finances, sends the general correspondence, and keeps the data of members and observers; Roy has taken over the responsibility of editing the Newsletter; Osvaldo continues chairing the Study Group on Visual Illusions and will be the liaison to CIE Division 1; Nick will organize the 11th Congress 2009 in Sydney, Australia; and Guanrong will organize the Midterm Meeting 2007 in Hangzhou, China.

As for myself, in addition to the normal duties of the presidency, I have taken the responsibility of maintaining the website and sending an electronic bulletin, trying to strengthen the contacts with AIC members and observers. The website was redesigned and filled with new contents and more information. In this regard, I wish to thank Gerhard Roesler, president of the German Society of Color Science, who initiated the AIC website and was the former webmaster. I also want to strongly encourage AIC members and observers to contribute with information and ideas to enhance the website and make it as useful as possible. In addition to the annual Newsletter, that will continue to be

published on paper and will be also uploaded into the web, we have begun to send an electronic bulletin by e-mail, AIC e-news. I invite every individual wishing to receive it to contact me for inclusion in the e-mailing list.

Both the old and new AIC executive committees have participated in the revision of the AIC statutes and the development of the different guidelines that are necessary to regulate various aspects of the AIC functioning. Paula Alessi was the main promoter and the hardest worker on these aspects. We are now finishing some details of the guidelines and uploading them into the web. The revised statutes will be sent to all AIC members for consideration, and presented to the general assembly 2007 in China for approval.

After the very successful AIC 10th Congress in Granada, Spain, I had the opportunity to attend the sessions of some Technical Committees of CIE Division 1, in the days previous to the CIE Meeting in Leon. We are now waiting with enthusiasm the AIC Interim Meeting 2006 in Johannesburg, and the forthcoming conferences. The ones falling within our term, 2006-2009, have been already approved by the previous executive committee: Interim Meeting 2006 in South Africa, Midterm Meeting 2007 in China, Interim Meeting 2008 in Sweden, and 11th Congress in Australia. We already have proposals for the meetings 2010 and 2011 from Argentina and Switzerland, and it will be our task to evaluate and approve them, as well as the proposals for 2012 and 2013. In this regard, we make a call to AIC regular members who wish to host these meetings. The aspects to be taken into account to approve these proposals will be the even geographical distribution and also the economic arrangements that are most beneficial to all members, especially to those members from less developed countries, who usually cannot participate with a high number of representatives due to elevated costs. Thus, we will ponder that the registration fees are kept as low as possible, and that the venue of the meetings are selected so as to allow a wide number of lodging possibilities for all budgets and varied transportation alternatives.

It will be also the responsibility of the present executive committee to coordinate the 2007 and 2009 Judd awards, with the help of the committee constituted by previous awardees. It is a satisfaction to remember that for the 2005 Judd award, the AIC counted with the sponsorship of the German Society of Color Science, that covered the amount of money presented to the awardee, for which we are very grateful. I make thus an open invitation to institutions and companies to offer proposals of sponsorship for the Judd awards 2007 and 2009. It will be a good opportunity to join their names to this prestigious international prize.

With regard to our regular members, we are conscious that in certain cases there are different color associations working in the same country. As the AIC statutes only allow for one regular member from each country, in such circumstances we will encourage these societies to work together, cooperating or being complementary rather than competitors, and to try to form a more general body such as a national federation or inter-society council, if possible. We are also aware that new color societies have been founded or are being developed in countries that are not yet included in the AIC. We will try to attract and invite them to join the

AIC, to enlarge this marvelous interdisciplinary community of people gathered together around a subject which has proved to be a continuously intriguing aspect of life, nature and culture.

I invite you to keep a close contact with the AIC, contribute with information to the newsletter, website and electronic bulletin, and let us know your thoughts and initiatives.

A handwritten signature in black ink, appearing to read 'José Luis Caivano'.

José Luis Caivano
AIC president

Compiled Data of AIC Account 2005

Opening Balance January 1st, 2005:

UBS	7.708,42	CHF
Cash	1.124,97	CHF
<hr/>		
Total	8.833,39	CHF

Income 2005:

UBS	4.718,35	CHF
Cash	1.050,00	CHF
<hr/>		
Total	5.768,35	CHF

Expenditure 2005:

UBS	5.344,60	CHF
Cash	20,90	CHF
<hr/>		
Total	5.365,50	CHF

Closing Balance December 31st, 2005:

UBS	7.082,17	CHF
Cash	2.154,07	CHF
<hr/>		
Total	9.236,24	CHF

Breakdown of major transactions 2005:

Income from members and observers:	3.385,95	CHF
Support for Judd Award from DfwG, Germany:	2.374,60	CHF
Bank fees, interest, copies, mailings incl. Ballot etc.:	-905,95	CHF
Newsletter including mailing:	-1.610,10	CHF
Judd Award:	-2.616,10	CHF

AICACCOUNT2005 16.05.06

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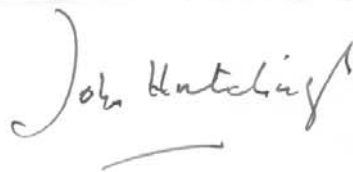
26th January 2006

Audit Report

AIC accounts for the year ending 31st December 2005

I have copies of the AIC accounts and bank statements relating to the year ending 31st December 2005.

I am happy to report that the UBS Bank Basel account statements agree with the records of income and expenditure for the above period. The closing balance in the UBS account at 31st December 2005 is 7,082.17 CHF. For obvious logistical reasons I am unable to confirm the cash balance of 2,154.07 CHF shown in the cash account. However, the accounts have been kept in an exemplary manner, the bank and cash accounts are as always consistently well presented, and there is no known reason to believe that this total is incorrect.



John Hutchings

Färginstitutet

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Stockholm 2006-01-30

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Audit report

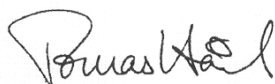
AIC 2005-01-01 – 2005-12-31

I have copies of the AIC accounts, bank statements and additional comments, relating to the twelve months period ending on December 31st, 2005.

I have found the documentation to be in very good order, easy to follow and the USB Bank Basel account statements per 31st December 2005 (CHF 7 082,17) to agree with the records of income and expenditure for the period mentioned.

The cash balance (CHF 2 154,07) has not been possible to check by me in person but there are no known reasons to believe it is not correct and the accounts are well presented.

Yours Sincerely,
SCANDINAVIAN COLOUR INSTITUTE AB



Tomas Hård

Z:\SF\Administration-Ledning\Users\Aar\Korrespondens\Frank Rochow - audit report AIC_2005\0127 TH_AW.doc



No. 17888 "Sales and production of NCS colour system for colour communication and related products"

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AIC 2006 JOHANNESBURG, SOUTH AFRICA

During October 24 – 27, 2006, the Colour Group of South Africa will host the AIC 2006 Interim Meeting, Colour in Culture and Colour in Fashion. It will be held at the Misty Hills Country Hotel, a rustic retreat that will afford the participants significant interactions.

The topics include:

- Colour and communication
 - Colour and marketing
 - Colour meanings and cultural context
 - Colour in dress and fashion
 - Colour in the architectonic culture
 - Colour science for fashion designers
 - Colour in the artistic culture
- Colour in cosmetics
 - Philosophy of colour
 - Colour in textiles
 - Colour information: biological, linguistic & cultural aspects
 - Colour in heraldry
 - Colour psychology and colour emotions
 - Colour in education in different cultures
 - Colour language and symbolism
 - Colour for lifestyle, health and well-being
 - Colour in history and history of colour
 - Colour harmony and aesthetics
 - Colour in folklore and traditions



Website: http://www.colourgroupsa.org.za/aic2006/aic_information.php

AIC 2007 HANGZHOU, CHINA

The AIC Midterm Meeting will be held July 12-14 2007 in Hangzhou, China. The theme will be "Color Science for Industry." The date of this meeting is coordinated with the 26th Session of the CIE, Commission Internationale de l'Éclairage, to be held in Beijing, July 4-11. The Midterm Meeting is being organized by the Color Association of China.

The preliminary topics are:

- Color and communication
- Color in imaging technology
- Color in textiles
- Color in printing
- Color in paint
- Color in displays (broadcast and computer)
- Color measurement and instrumentation
- Other topics: all applications for color science in industry

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AIC 2008 STOCKHOLM, SWEDEN

An AIC Interim Meeting will be held June 15-18 2008 in Stockholm, Sweden at Scandic Hasselbacken. The theme will be "Colour – Effects and Affects." The main topics include: colour in interior and exterior design, colour meaning, colour psychology, and colour emotions. This interim Meeting is being organized by the Swedish Colour Centre Foundation.

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AIC 2009 SYDNEY, AUSTRALIA



The 11th AIC Congress will be held September 27 – October 2 2009, in Sydney, Australia, organized by the Colour Society of Australia. The venue will be the Scientia Campus Conferencing Centre at the University of New South Wales: www.conferencing.unsw.edu.au.

For more information contact:

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ARGENTINA

THE ARGENTINE COLOR GROUP

HISTORY

The Argentine Color Group (Grupo Argentino Color, GAC) was founded in 1980, and brings together institutions and individuals who share an interest in the study of color science and color applications. The goals of the Group are to encourage research on problems related to color, to promote the exchange of information with similar associations abroad, to manage a documentation center, and to integrate the different fields from which the study of color can be addressed: science, technology, design and education. There is also strong interest in the Group from the artistic community in the diffusion of their works. For further information, please visit our website: www.fadu.uba.ar/sicyt/color/gac.htm

ACTIVITIES

From March to December, the Group holds monthly meetings during which the progress of the Study groups, printing of the GAC magazine and, in general, all aspects relevant to the activities of the Group are discussed.

We are pleased to announce that two of the Study Groups, Industry and the Science of Color, are going ahead. The first addresses the study of color control in the graphics, textiles and leather industries. The question posed by the group is whether color control can only be visual or instrumental, or if both are necessary. Statistics compiled to this end reveal that: i) 50% of the sectors that intervene in these industries are approved purely visually; ii) instrumental approval accounts for only 30% and is completed with visual approval. At this time the influence of texture in measurement also interests the group. For further information please write to csalvador@ciudad.com.ar.

The second study group analyzes the influence of color in relation to other visual continua, such as form and movement. The study material combines the findings from basic investigations with aspects of communicational design. In these papers, published in a first instance in the Proceedings of the GAC Congresses, attempts are made to adapt the results from psychophysical laboratory measurements to daily occurrences dealt only from intuition. The objective is to reach a cognitive psychophysical measurement for which it is necessary to adjust the traditional methods as regards measuring color and its recognition.

1st Meeting on Color/06: Color and the Industry. Held on 12 April in the Faculty of Architecture, Design and Urbanism of the University of Buenos Aires, the meeting was attended by 45 participants. Five guest conferences were held in the morning and in the afternoon there were four round tables on the topics promoted by the GAC. The Conferences were: *Constancy of Color in Industry* by Lic. Silvio Roldán and Ing. Daniel Spur; *Latest Research in Color in the AIC* by Arq. José Luis Caivano; *Error in Psychophysical Measuring* by Dr. Mattiello; and *Comments on the Relationship between*

Light, Color and Biological Rhythms by Lic. Marcela Murgia.

2nd Meeting on Color/06: Teaching and Non-formal Research into Color. Held on 20 July in the Faculty of Architecture, Design and Urbanism of the University of Buenos Aires, the meeting was attended by 38 participants. The objective of this meeting was to review knowledge not included in formal teaching, but rather in daily practice. This meeting was especially designed for artists, designers and teachers engaged in color. In the morning the following guest conferences were held: *The Role of Theory in the Productive Reality of Color* by Arq. Maria Luisa Musso; *Did Leonardo Da Vinci Receive Formal or Informal Education?* by Prof. Omar Burgos; *Does the Art of the Graffiti Writers Follow Rules?* by Lic. María Puala Giglio; *Neural Structures as Bases of Creation* by Dr. M.L.F. de Mattiello. In the afternoon there were three round tables on the experiences of designers, artists and educators.

During this period three GAC magazines were printed and distributed containing articles by the members of the Color Group, book reviews and other relevant information.

COURSES

Dr. MLF de Mattiello gave an intensive course of 16 hours on *Sensation or perception of color? That is the question.* The course started on June 17 and was attended by 15 participants.

Dr. Bernardo Molinas, Lic. in Physics from the Universidad Nacional of Rosario and the University of Genova and Dr. in Physics from the Universidad Nacional de La Plata and researcher in Technology of Materials at the Ente Nazionale Idrocarburi (AGIP) of Venice, Italy, gave an intensive course on "*Techniques of diagnosis for mural painting*" from August 14-18 2006. There were 13 participants in the course, which was held in the Faculty of Architecture, Design and Urbanism of the University of Buenos Aires.

NEW EXECUTIVE COMMISSION

President	Maria L.F. de Mattiello
Vice-President	Omar Burgos
Secretary	Marcela Murgia
Pro-Secretary	Diana Varela
Treasurer	Laura Quaintenne
Pro-Treasurer	Marcela Rojas
Voting members	Liliana García Ferre Fernando Uribe Larrea
Inspection body	Roberto Daniel Lozano Jorge Omar Sánchez
GAC E-mail	Cristina Manganiello

CONTACT INFORMATION

María L.F. de Mattiello
Fundación de Investigaciones Visuales
info@fundvis.org

AUSTRALIA

COLOUR SOCIETY OF AUSTRALIA

HISTORY

The Colour Society of Australia was inaugurated in 1987 and has Divisions in New South Wales, Victoria, Western Australia, South Australia, Queensland, and Tasmania. 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 members of the community,
- Encouragement and promotion of research into all aspects and applications of colour.

ACTIVITIES

The highlight of year 2005 was our biennial conference held in Fremantle, Western Australia. The theme was "Colour through the Looking Glass" with papers on illusions and colour as a reflection of people and place. Our special guest was Osvaldo da Pos.

In addition the individual state committees continued to organise successful monthly or bi-monthly events for members with a national emphasis on developing a workable budget and plans for AIC'09.

The recently reinstated Queensland Division continues to operate with enthusiasm. Their activities in Western Australia are very evident.

The NSW Division is well supported and initiating a programme to raise the profile of the Society.

The Victoria and Tasmania Divisions were a little quieter this past year as were activities in South Australia.

EXECUTIVE COMMITTEE

The National Executive of The Colour Society of Australia now resides in Victoria. The President is Mr. Derek Grantham (Vic), National Secretary Ms. Glenys Thomson and National Treasurer Dr. Peter McGinley. Ms. Annamarie Di Cara is Past President.

PUBLICATIONS

SPECTRUM, the Journal of the Colour Society of Australia, is published two times a year and continues to be of exceptionally high quality. 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 material. Significant improvements to its appearance have occurred with the provision of colourful covers.

INTERNATIONAL LINKS

We wish to interact more with overseas people who are venturing "down under." We have the ability to host visitors from overseas 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 Ken Pidgeon, kpidgeon@bigpond.com.

We acknowledge with gratitude the significant contribution to the international colour community of one of our Past Presidents, Dr. Paul Green-Armytage, who relinquished his position on the AIC Executive Committee at the end of 2005. Mr. Nick Harkness is now a member of the Executive Committee of the AIC and is the Chair of the AIC'09 organising committee.

We are delighted that the AIC have accepted our bid to conduct the 2009 Congress in Sydney, and look forward to welcoming many AIC delegates and guests to our shores at that time.

We were pleased that a significant number of our members were able to be present papers at AIC 2005 in Granada, Spain and look forward to providing reciprocal hospitality in a few years time.

CONTACT INFORMATION

Ken Pidgeon
kpidgeon@bigpond.com

GREAT BRITAIN

THE COLOUR GROUP (GREAT BRITAIN)

COMMITTEE MEMBERSHIP

Following the elections at the 45th Annual General Meeting, held on 10th May 2006 at City University, the Colour Group Committee for the year 2006-07 will be:

Chairman	Mr. Roy Osborne
Vice Chairman	Prof. Lindsay MacDonald
Secretary	Prof. John Mellerio
Treasurer	Prof. Ralph Jacobson
Membership Secretary	Dr. Alison Gilchrist
Newsletter Editor	Mr. Andrew Hanson
Ordinary Members	Dr. Roger Bourdon Dr. Marisa Rodriguez-Carmona Prof. Andrew Stockman Mr. Bernard Staig-Graham Ms. Angela Wright Dr. Sophie Wuerger

The Chairman thanked Dr. Mike Pointer for his seven years of outstanding service to the Colour Group in a variety of roles, most notably as Chairman for the two-year term 2003-05. Dr. Daniel Osorio, who stepped down from the committee, was also thanked for his contributions to the vision meetings.

AWARD – HONORARY MEMBER

At the Annual General Meeting, the Chairman read out the following citation for Dr. Arthur Tarrant, in support of his election as an Honorary Member. This was in recognition of his fine services to the Colour Group and to colour education over many years. In response, Dr. Tarrant expressed his humility at being added to an illustrious company that included such luminaries as Guild, Wright, Stiles and Crawford. He noted the great importance of teaching colour and that insufficient recognition is given to it.

Arthur Tarrant has contributed to many branches of colour science, and it is difficult to refer to all of them in a few words. He is best known for his celebrated colour matching demonstrations, which although originally designed purely for teaching purposes, have been used to delight audiences in his 'popular science' lectures. He has given such lectures in well over 100 locations, ranging from Aberdeen in the north to Brighton in the South, and from Canterbury in the east to Tralee in the west. He has performed in places ranging from the Royal Institution to the Thames Ditton scout hut. His lectures have also been given in America. Year after year, he has enthralled students from all over the world in the London International Youth Science Forum, of which he is vice-president.

But let us not forget Arthur's contributions to research. He made a detailed investigation of the spectral composition of daylight, and especially its UV content. He made the first main study of stray light in spectrophotometers. His was the first major study of the lighting that people use in their homes. He carried out a remarkable investigation of the names that people give

to colours, and his studies have been repeated in other countries and in other languages. Since his supposed retirement he has continued working with the Universities of Derby and of Leeds, and it is fitting that the visual colour matching equipment he built for teaching purposes now bears his name.

Arthur has also been much concerned with the written word. He was chairman of the BSI committee that produced the vocabulary of lighting and colour terms. He has been responsible for two of the guides used by lighting engineers on the lighting of lecture theatres and universities respectively. It is typical of Arthur that he is now working on a lighting guide for pubs.

Arthur has always been a great proponent of short courses. His famous residential course in colour at the University of Surrey ran for many years and enabled hundreds to learn from a wide range of guest speakers. He has run over twenty on colour subjects, and has contributed dozens of times to those run by SIRA on optical engineering. The sudden demise of that institution was a great blow to Arthur, but again, he is seeking to mount these courses elsewhere.

Let us now think closer to home, and of Arthur's work for the Colour Group. He was secretary from 1958-60, and it was he who with Gordon Chamberlain, had the ticklish job of separating the Group from the Institute of Physics. It was during his period as chairman from 1975-77 that the Group's activities broadened into the artistic field. Also during that time he took the chair of the sub-committee that played a major part in saving the collection of books that now form the Colour Library at the Royal College of Art.

GENERAL MEMBERSHIP

At the end of December 2005 the Membership of the Colour Group (GB) stood as follows:

Ordinary members	125
Life members	29
Patron members	14
Honorary members	8

COLOR RESEARCH AND APPLICATION

There were four papers published in *Color Research & Application* during 2005 that originated from Great Britain or included British co-authors.

MEETINGS 2005

Eight meetings were held in London during 2005, with an average attendance of 38.

January 12 2005

Colour Vision – Institute of Ophthalmology

Full-day meeting with 8 speakers, including the Palmer Lecture 2005: “The evolution of colour vision: speciation, spectral sensitivity and ecology,” Prof. Jim Bowmaker, Institute of Ophthalmology, and the Cambridge Research Systems sponsored lecture 2005: “Colour constancy, categorization and memory colours,” Prof. Karl Gegenfurtner, University of Giessen.

February 2 2005

Inkjet Printing – Institute of Physics

Afternoon meeting with four speakers, organised jointly with the IOP.

March 2 2005

Artists of the Colour Group – City University

Afternoon meeting with five speakers.

April 6 2005

Colour in Conservation – The Art Workers’ Guild

Afternoon meeting with four speakers, organised jointly with the National Trust.

May 4 2005

Annual General Meeting – City University

The Retiring Chairman’s Address: “Colour Appearance Models and the Influence of The Colour Group,” Dr. Michael Pointer.

October 5 2005

Science Meeting – City University

Afternoon meeting with 6 speakers, all students of colour science selected from recipients of the Colour Group travel awards (see below).

November 16 2005

Colour and Abstraction in Art – City University

Afternoon meeting with two speakers.

December 7 2005

Colour Vision Deficiencies – City University

Afternoon meeting with five speakers.

AWARDS

Palmer awards totalling £4,340 were made in March 2005 by a Working Group chaired by Prof. Jack Moreland to the following doctoral research students, in support of travel to the AIC COLOUR’05 Congress in Granada, Spain (8-13th May 2005):

Alexis Gatt, School of Design, University of Leeds

Kaida Xiao, University of Derby

Gerald Schaefer, Nottingham Trent University

Chan Man, Department of Colour & Polymer Chemistry, University of Leeds

Raymond Ho, Department of Colour & Polymer Chemistry, University of Leeds

Hossein Izadan, Department of Colour & Polymer Chemistry, University of Leeds

Youn Jin Kim, Department of Colour & Polymer Chemistry, University of Leeds

Saori Kitaguchi, Department of Colour & Polymer Chemistry, University of Leeds

Boris Oicherman, Department of Colour & Polymer Chemistry, University of Leeds

Wen-Yuan Lee, Department of Colour & Polymer Chemistry, University of Leeds

Don-Gyou Lee, Department of Colour & Polymer Chemistry, University of Leeds

Yung Kyung Park, Department of Colour & Polymer Chemistry, University of Leeds

Cheng Li, Department of Colour & Polymer Chemistry, University of Leeds

HUNGARY

HUNGARIAN NATIONAL COLOUR COMMITTEE

BRIEF HISTORY

The Hungarian National Colour Committee was founded in 1969. Its expert committees are as follows: Colour Classification, Colour Vision, Colour Representation, Colour Measurement, Colour Environment Design, Colour Psychology, Colour Training, and Colour Application. Since 1980, it operates within the framework of the Hungarian Academy of Sciences as an International Committee. Three AIC Midterm Conferences and the 7th Congress of AIC have been held in Hungary.

ACTIVITIES

The **International Conference on Colour Harmony** will be held in Budapest between April 24 and 26 2007. The following main topics are in envisioned:

- Theory and the colour harmony (harmony systems and models, colour vision, colour preferences etc.),
- Colour harmony in architecture (architecture, interior decoration, enviromental design etc.),
- Colour harmony in art and design (fine arts, graphic arts, applied arts, arts and crafts, handcrafts, fashion etc.),
- Colour harmony in folk art (colouration and toning in the folk architecture, folk wear, folk handcrafts etc.),
- Colour harmony in nature (inanimate nature, living nature etc.),
- Computer technology and colour harmony (web design, colour displays, etc.).

The organizers are the Hungarian National Colour Committee and the Colour and Light International Foundation. The co-organizers are the Technical Sciences Section, HAS (MTA) and the Association of Hungarian Fine Arts and Applied Arts. The conference venue is the

main building of the Hungarian Academy of Sciences (MTA), Budapest, Roosevelt tér 9.

Abstracts can be mailed or submitted electronically in PDF format with a maximum length of one A4 page. You may specify whether you would prefer an oral or poster presentation. A Proceeding will be published.

Deadlines:

Oct. 31, 2006	Abstract submission
Nov. 30, 2006	Decision about the abstract
Dec. 31, 2006	Regular registration
Jan. 31, 2007	Submission of manuscript

EXECUTIVE BOARD

Antal Nemcsics	(President)
János Zana	(Secretary)
János Schanda	(Member)
László Miskei	(Member)
László Neumann	(Member)
Ákos Nemcsics	(Member)
Béla Tilles	(Member)
Ildikó Rozsovits	(Member)
Árpád Szende	(Member)
Ágnes Stáhl	(Member)
György Ábrahám	(Member)

SOCIETIES

Society of Colour Dynamics
Society of Coloristics
Society of Fine Arts and Applied Artists
Society of Colour Science
Society of Informatics

CONTACT INFORMATION

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ITALY

ASSOCIAZIONE OTTICA ITALIANA

BRIEF HISTORY

Since the late 1960s, the Italian Optical Association (AOI) is the AIC Italian member body. As a non-profit cultural association, the AOI's task is providing information about the state-of-the-art of light and images, both in research and application, as well as conferences occurring around the world. The spectrum of interests of the AOI is very broad, though in this report, it is limited to color science, color vision and related applications. Now, by monitoring the national situation across the past half-a-century, the AOI has been documenting not only the scientific and technical progress, but also the evolution of the attitudes of the involved people, by trying to adapt to the ineluctable changes of the concept of a "cultural, non-profit association."

ACTIVITIES

The major event in 2005 was, without doubt, AIC2005 held in Granada. Among the Italian attendees and contributors were da Pos, Oleari, Rizzo, Pompas, Ronchi, and Abbozzo.

The AOI members met in conjunction with Optometry and Visual Optics, as well as in various informal meetings with the members of the AOI Study Groups.

Color related problems have been dealt with at the 10th Lux Europa in Berlin, September 2005, by Ronchi with Schanda, and by Covitti.

In Genova May 2005, S. Rizzo organized the International Meeting **Color & Design** under the patronage of City administration. It was attended by various members of ECD Study Group of AIC and well-known experts including Tom Porter and Giovanni Brino.

L. Ronchi was invited to a workshop and exposition of scientific-artistic photographs organized by the Superintendent of Cultural Heritage (June 2005) where she represented the AOI in the matter of "Is the green transparent?" This is a new illusion of enhanced apparent depth, particularly evident in natural scenes, contrary to the case of man-made built environments. Ronchi discussed the underlying aspects of the visual process, starting from the "da Vinci stereopsis," the monocular perception of the depth, and the evolutionary influence in forests on the structure of the higher level neural receptor units, in view of the optimization of the internal representations.

The more recent participations included the Exhibition (from the 13th March to the 30th of April 2006), organized by the Colour Group of Great Britain and by the Institutes of the Printing, Packaging and Paper Making Groups, on the occasion of the 75th Jubilee of the 1931 CIE Standard Observer, held at the Institute of Physics, London. The Italian paintings displayed were *Time Dimension of Color*, S. Rizzo and *Hand made Planetarium*, M. Abbozzo.

Three Italians attended the 7th International Symposium of the Slovenian Color Association (15-17 June 2006).

Also in June, L. Ronchi, representing AOI, attended a workshop organized at the Uffizi Gallery by the Arch. Antonio Godoli, June 2006; she discussed the color harmony and its metrological implications, in relation to the

Feng Shui and lighting hypothesis. S. Rizzo presented new forms of symbolism in a new flag devoted to European children and to their civil rights. Covitti showed the effect of the SPD of light sources on the appearance of the colors of the flag in the city-by-night.

AWARDS

Osvaldo da Pos, became a member of the Executive Committee of AIC. Congratulations on the part of the AOI, also for his participation in various AIC activities. He is chairman of the AIC Study Group on Visual Illusions and Effects and is active in the recent project within the Color Education Study Group of AIC, devoted to examining the present educational programs, tools and theories, addressed to children's color education.

FUTURE ACTIVITIES

At the Interim Meeting in Johannesburg (ZA), three oral presentations (S. Rizzo, O. Da Pos, R. Pompas) and a Poster (L. Ronchi) are expected.

On the 6th and the 7th September, a AOI Workshop is planned in Florence (entitled: The travel from textile to clothing). The leaders are the USA and the JPN directors of the AFT, the Association of Fashion Teachers, who will present a questionnaire dealing with both basic problems of color education and specific problems concerning fashion. In addition S. Rizzo, L. Ronchi, B. and L. Nomellini, M. Abbozzo, and others will report about their personal experiences. The visit to Florence includes a contact with the Polimoda and the fashion Dept. of the State Institute of Art, where O. Da Pos is expected to accompany the organizer, L. Felici.

NEW INITIATIVES

Through recently created Interest Groups and Study Groups, the AOI is trying to concretize some items arising during contacts with people involved in various aspects covered by the umbrella term "color". For instance: To study the visual response to color, is it obligatory to learn, first, achromatic vision? Does present knowledge about the visual process allow a clear view of various visual hierarchies, culminating in the specification of the location and operation of the mechanisms underlying color vision? Is the modern experimental trend to go beyond the segregation of various feature responses, by considering the various feature conjunctions, already yielding results susceptible of practical applications?

RECENT PUBLICATIONS

S. Villani, L.Mombelli – An Atlas of Visual Functionality – Geo Publ. Pontedera (PI), (2005).

L. Ronchi – The Visual Science from the viewpoint of natural scenes (in italian) – Fond. G. Ronchi, <http://ronchi.isti.cnr.it>, Florence. Vol. 88, 320 00, (2006).

G, Senini, E.I, Sigurtà – Cikir vision and its use in clinical opsychodiagnosics – Fond. G. Ronchi, Florence, Vol. 87, 56 pp, (2005).

S. Rizzo Ed. Proceedings of the Genova International Meeting “Color in Urban Environment”. May 2003 (in press).

NOTIFICATION OF CHANGE IN ADDRESS AND CONTACT INFORMATION

The present official seat of AOI is now located at the address below:

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E-Mail
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lucia.ronchirositani@associazioneotticaitaliana.info
prof.villani@tin.it

For other “coordinates”, please consult the AOI website
www.associazioneotticaitaliana.info

JAPAN

THE COLOR SCIENCE ASSOCIATION OF JAPAN (CSAJ)

2005 BOARD MEMBERS

Hiroshi Kansaku (President), Hitoshi Komatsubara (Vice-President), Shoji Tominaga (Vice-President), Hiroshi Hasegawa (Chair of Kanto Chapter), Masayuki Otake (Chair of Tokai Chapter), Kohji Ogata (Chair of Kansai Chapter), Goro Baba, Masao Inui, Mizue Kawamura, Fujio Maeda, Yoko Matsuda, Satoshi Mizutani, Haruyo Ohno, Miho Saito (Treasurer), Hiroaki Sobagaki, Masahito Suda, Takuzi Suzuki, Tsuneo Suzuki (Treasurer), Hirohisa Yaguchi, Toru Yoshioka, Yasuo Ohta (Auditor), and Naoyuki Osaka (Auditor).

MEETINGS

The 36th Annual Meeting of the CSAJ was held at University of Electro-Communications (Chofu City, Tokyo) on May 28-29, 2005. Participants in the meeting numbered about 300. Sixty nine papers were presented from various fields of color science, design and its applications. The invited lecture was given by Dr. Masayuki Wakui (Toin University of Yokohama) titled "Landscape is a decade, scenery is a century, and climate is a millennium."

Color Forum Japan 2005 was held at Kogakuin University (Tokyo) on Nov. 30 – Dec. 1, 2005. Thirty three papers were presented.

Public Symposium on "Common understanding of color phenomenon," co-organized by CSAJ and the Japanese Psychological Association, was held at Keio University (Tokyo) on Sep. 10, 2005.

AWARDS

2005 CSAJ Award: Yasuo Ohta (Emeritus of Tokyo Medical University).

2005 CSAJ Research Encouraging Award: Hiroyuki Shinoda (Ritsumeikan University).

CSAJ Presentation Encouraging Awards 2005: Takashi Ikeda (Kyoto University), Shinichi Hatanaka (University of Electro-Communications), Hideo Haraguchi (Osaka Electro-Communication University) and Lin Lanjuan (Osaka City University).

STUDY GROUPS

In 2005, CSAJ has 10 study groups: Color Design, Environmental Color, Illusion, Curriculum for Color Education, Tutorial Materials for Color Education, Personal Color, Colorimetry, Color Vision, Color in Image, Whiteness and Safety Color.

PUBLICATIONS

Journal of the Color Science Association, Volume 29, Number 1-4 and Supplement, 2005 were published.

CSAJ News was published bimonthly.

CONTACT INFORMATION

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Fax: +81-3-3565-7717

KOREA

KOREAN SOCIETY OF COLOR STUDIES

BRIEF HISTORY

- 1988 Founding of the 'Korea Color Association'
- 1992 'Korean Society of Color Studies' renaming
- 1996 A member nation entry of the AIC
- 1998 A member of the Korea Research Foundation
- 1999 Approval to Ministry of Commerce, Industry & Energy Republic of Korea
- 2000 Association International de la Couleur Seoul
- 2001 Publication: Various Color Branch World
- 2002 Publications: Colorist-Theory, Now Color!, The Future when the Color Makes, Colorist-practice. Teacher Certificate for Colorist Education Program
- 2003 First Korea Color Awards 2003
- 2004 First Korea Color Image Competition 2004, first Color Expo
- 2006 Korean Society of Color Studies Branch of Youngnam foundation

AIMS AND OBJECTIVES

The Korean Society of Color Studies has the purpose to contribute to the development and learning of various fields of color for both the industrial and human environment.

ACTIVITIES

Color Expo 2006 was held September 13-16 2006 at the Atlantic Hall, COEX, Seoul. The Expo was organized by COEX, Korea Society of Color Studies. There were 61 exhibitors from 11 countries including trendy products, digital printing, materials, color management systems, education and information, consulting, technical books, etc.

RECENT PUBLICATIONS

Journal of Korean Society of Color Studies Vol 20. 1 (February), Vol 20.2 (May), and Vol 20.3 (August).

NEW INITIATIVES

- September 15-16 2006: Autumn Conference
- September 13-16 2006: Color Gallery - The invited Artist Exhibition
- October 10-18 2006: KOSCOS Professional Show

CURRENT REPRESENTATIVES

- Chair: Rhee KyungDon
- Vice Presidents: Park InHak, Paik JinKyung, Lee JinSook, Jeong Yoona, Kim Joomi, Yu Unmi
- Branch President: Kim KiWhan

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SLOVENIA

DRUSTVO KOLORISTOV SLOVENIJE SLOVENIAN COLORISTS ASSOCIATION

BRIEF HISTORY

The Slovenian Colorists Association (SCA) is concerned with staff education, seminar organization, distribution of monographs, participation in international conferences and activities, and solving member problems.

INTERNATIONAL MEETING "COLOUR AND COATINGS"

The SCA in association with the Chemistry Institute of Ljubljana organized in June, 2005, the international meeting entitled **Colour and Coatings**. Thirty-seven experts participated from Slovenian universities and industry. The lecturers were from Slovenia and abroad. The scientific and organizational board had following members:

Prof.dr. James T. Guthrie, University of Leeds, England,
Dr. Jose M.R.C.A. Santos, University of Bragança,

Portugal,

Prof.dr. Vera Golob, University of Maribor, Slovenia,
Dr. Marta Klanjšek Gunde, Chemistry Institute, Ljubljana,
Slovenia,

Mag. Nataša Barle, Color Medvode, Slovenia,
Doc.dr. Matjaž Kunaver, Chemistry Institute, Ljubljana,
Slovenia.

The purpose of the meeting was the exchange of information and experiences between participants, lecturers and exhibitors. Among the lecturers was Prof. Dr. Joachim Domnick from the Technical University of Esslingen, Germany. The main goal of the meeting was the presentation of newest achievements in the field of coatings.

THE SCA REGULAR MEETING

The SCA regular meeting was held June 2, 2005 that included the president's report, treasurer's report and other commissions' reports. In addition, several new members of executive committee were nominated.

MEMBERS OF SCA EXECUTIVE COMMITTEE AND OTHER ASSOCIATION

SCA BODIES 2004-2008

Prof. Dr. Slava Jeler	President
Prof. Dr. Marija Gorenšek	Vice president
Dunja Legat	Secretary
Vera Mavrin	Treasurer
Andrej Žižek	Head of Architecture section
Doc. Vojko Pogačar	Head of Art section
Prof. Vera Sešlar	Head of Design section
Mag. Gorazd Golob	Head of Graphic section
Mag. Nataša Barle	Head of Coatings and Polymer Section
Prof. Dr. Maks Tušak	Head of Psychology of Colour Section
Dr. Darinka Fakin	Head of Textile section
Dušan Božič, Dr. Med.	Head of Medical section

ORGANIZATION OF THE 7TH INTERNATIONAL SYMPOSIUM OF SCA: COLOUR AND NATIONAL SYMBOLS, JUNE 2006

During 2005, many activities occurred relating to the organization of the SCA 7th International Symposium, held June 15 – 17, 2006. Symposium details are available at: <http://www.ot.ntf.uni-lj.si/simpozij2006/>.

INTERNATIONAL ACTIVITIES

There were interactions with AIC, IFATCC, DfwG, and DFZ), as well as cooperation with the International Newspaper Color Quality Club.

Our members took part in several international symposia and other annual regular meetings. Also this year SCA contacted other associations abroad. Prof. Dr. Vera Golob was on the executive meeting of the AIC in Granada. Dr. Marta Klanjšek Gunde took part in CIE Midterm Meeting in Leon, Spain. Our president, Prof. Dr. Slava Jeler, took part in the international meeting of Deutsches Farbenzentrum. On this occasion the DFZ granted her the title of honorary member of DFZ.

Our members took part to international symposia and their papers were published in different proceedings and journals in 2005.

FUTURE ACTIVITIES

Future activities include preparing the SCA regular meeting, organizing seminars and lectures for our members, organizing an expert excursion, conducting research, participating internationally (AIC, IFATCC, DfwG, DFZ), cooperating with the Commissions of the Association of the engineers and technicians of Maribor, and informing member through the SCA home page (www.dks-drustvo.si).

SLOVENIAN COLORISTS ASSOCIATION

Vetrinjska 16
2000 Maribor
Slovenia
www.dks-drustvo.si

President: prof.dr. Slava Jeler, slava.jeler@uni-mb.si
Vice president: prof. dr. Marija Gorenšek,
Marija.gorensek@ntf.uni-lj.si
Treasurer: Vera Mavrin
Secretary: Dunja Legat, legat@uni-mb.si

SPAIN

COMITÉ ESPAÑOL DEL COLOR

THE COLOR COMMITTEE OF SPAIN (OPTICAL SOCIETY OF SPAIN)

ACTIVITIES

Undoubtedly the main event for our Committee during 2005 was the organization of the 10th Congress of the International Colour Association AIC Colour 05 (Granada, May 8-13), chaired by Dr. Javier Romero (University of Granada). Detailed information about this meeting was published in AIC Newsletter No. 19, and meeting reports have also been published by the International Commission of Optics (ICO), ISCC Newsletter, Spectrum Journal of the Colour Society of Australia, etc. The journal *Color Research and Application* also devoted a special issue (Volume 31, August 2006) to the Quadrennial Meeting of the AIC Colour 05, with an interesting sampling of refereed papers related to the diverse topics discussed at this meeting. From the large audience of AIC Colour 05 (538 participants and 419 papers), we must reiterate our biggest 'thank you' to all colleagues and institutions attending and supporting AIC Colour 05, which will be always warmly remembered by all members of the Color Committee of Spain.

On the occasion of the 40th Anniversary of our Committee, which was one of the eight national color associations founding the AIC in 1967, a special meeting was held in Madrid, December 19 2005. Congratulation letters for this special anniversary were received and read in the meeting: Paula J. Alessi (AIC President), Jose Luis Caivano (AIC Vice President), Janos Shanda (CIE Secretary), Ellen Carter (Editor-in-chief of *Color Research and Application*), and many other color scientists around the world who kindly joined their Spanish colleagues in this important event. As stated in one of these letters, our meeting was conceived as an opportunity to honour the founding members of our Committee, reflect on the past, savour the present, and look to the future. There were more than 40 participants from different Spanish universities and industries engaged in color research, which was opened by Prof. Concepción Domingo (President of the Optical Society of Spain, where our Committee is integrated). The meeting was chaired by Prof. Jaume Pujol (President of our Committee), who reviewed the main steps in our history and conducted discussions about future plans. Participation of four founding members of the Committee must be specially mentioned: Dr. Mariano Aguilar (University of Valencia), Dr. Antonio de la Cruz (CSIC, Madrid), Dr. Lorenzo Plaza (CSIC, Madrid) and Dr. Enrique Sauras (CSIC, Madrid). The closing speech of the event was delivered by Prof. Enrique Hita (University of Granada) summarizing the feelings and happiness of all the participants.

A meeting of the Spanish network on food color (<http://www.unavarra.es/ColorAli/>), chaired by Dr. Francisco J. Heredia (University of Sevilla), was held in Madrid, December 19-20 2005. This meeting included a presentation of the results of an inter-laboratory essay on color measurements by Dr. Angel I Negueruela (University of Zaragoza), an invited lecture on fundamentals of colorimetry by Dr. Joaquín Campos (CSIC, Madrid), and five short presentations from members of the network: Uncertainty propagation to CIELUV and CIELAB color

parameters (Dr. Rafael Huertas, University of Granada), Perceived and measured color in wines (Dr. Rafael Huertas, University of Granada), Problems in color characterization of solid foods (Dr. José F. Echavarri, University of La Rioja), Preliminary studies on color appearance in non-homogeneous foods (Dr. M. Lourdes González-Miret, University of Sevilla), and Distribution and temporal evolution of the concentration of myoglobin and its derivatives in meat using multispectral imaging (Dr. Carlos Saenz, Public University of Navarra).

Different members of the Color Committee of Spain have participated as invited speakers, session chairs, and members of the Scientific Committees of different color meetings: 4th Central European Conference 2005 Fibre-Grade Polymers, Chemical Fibres and Special Textiles (Liberec, Czech Republic, 7-9 September 2005), 7th International Symposium of the Slovenian Colorists Association (Ljubljana, Slovenia, 15-17 June 2006), 3rd European Conference on Colour in Graphics, Imaging and Vision CGIV 2006 (Leeds, UK), 19-22 June 2006), IS&T/SPIE 18th Annual Symposium Electronic Imaging (San José, USA, 15-19 January 2006), and AIC 2006 Interim Meeting (Johannesburg, South Africa, 24-27 October 2006).

With respect to future activities, our VIII National Meeting on Optics (Alicante, 19-22 September 2006) is closely approaching. The schedule of this meeting regarding colour matters includes an invited lecture entitled "An overview of color difference formulas" from Prof. M. Ronnier Luo (University of Leeds, UK), 25 papers (4 oral + 21 posters), and a general meeting of the Color Committee of Spain where a new Vice President (President-elect) will be elected. The thematic network "Acquisition, characterization and management of color images", chaired by Dr. Joaquín Campos (CSIC, Madrid), has evolved to "Colour Science and Technology" at the beginning of 2006. A master degree course on "Photometry and color Technology" with participation of many teachers from universities and industries in Spain is being organized by the Polytechnical University of Catalunya (UPC) and University of Alicante for the academic year 2006-07.

BOARD OF DIRECTORS

Dr. Jaume Pujol (Universidad Politécnica de Cataluña),
President.

Dr. Angel I. Negueruela (Universidad de Zaragoza), Past-
President.

Dr. Joaquín Campos (CSIC), President-Elect.

Dr. Manuel Melgosa (Universidad de Granada), Secretary.

WEBSITE

For additional and updated information on the activities of
our Committee you are kindly invited to visit
<http://sedo.optica.csic.es/color/color.html>



Some of the founding members of the Color Committee of Spain at the meeting held to commemorate the 40th anniversary of our Committee. From left to right: Dr. Lorenzo Plaza, Dr. Mariano Aguilar, Dr. Antonio de la Cruz and Dr. Enrique Sauras, as well as Dr. Jaume Pujol (current President of the Committee).

SWEDEN

STIFTELSEN SVENSKT FÄRGCENTRUM SWEDISH COLOUR CENTRE FOUNDATION

HISTORY

In 1964, the Swedish Colour Centre Foundation was founded by the IVA (Royal Academy of Engineering Sciences), the Swedish Design Council, and industry. The goal was to carry out interdisciplinary research and development within the colour field. Dr. Anders Hård, the creator of the NCS system, was appointed to lead the work together with well-known colour researchers such as Dr. Lars Sivik (psychology) and Prof. Gunnar Tonnquist (physics) and, of course, Prof. Sven Hesselgren and many other influential architects, designers, teachers and industrial personalities.

The task of the Swedish Colour Centre Foundation today is:

- to encourage scientific research within the colour field of interest for industry, education, and people working with colour,
- to spread new knowledge and experience within the field of colour, and
- to be a natural centre for colour and colour research.

COLOUR DAY 2005

Colour Day 2005 with the theme “Colour Ahead of Space,” and arranged by the Swedish Colour Centre Foundation, on October 20, gathered 160 participants. The theme was connected to the official Swedish Design Year of 2005. Colour Day was opened by Ewa Kumlin, Managing Director of the Swedish Society of Crafts and Design.

The seminar program illuminated the importance of colour and space from a variety of vantage points and aspects. We had the pleasure to introduce our keynote speaker, Hanne Caspersen, Art Director & Trend Analyst with Philips Design, Holland to our Swedish audience. She offered interesting and valuable insight in her manner of working with colour and shape and what, in her opinion, comes first.

Other presentations illustrated how colours are being used as a marketing tool in a design hotel in Stockholm. We heard about an architect's experience of working with colours in a sports arena. Lunch was followed by information on the use and different aspects of colour and shape seen through the eyes of a textile designer and the intricacies of working with colour and pattern. Other features were the industrial designer's work with colour

choices in the car industry and the trend analyst's colour choices. We could also listen to an artist and learn about his way of dealing with colour and shape in his art, and we could see in which way colour has and/or has not influenced architecture during time.

MEMBERS' MEETINGS

In January, this year's first meeting, we could listen to a talk titled “White – a two-sided phenomenon?” by Claudia Kappl. Claudia gave a short introduction to some of the aspects related to the phenomenon of white – focusing on its use in architecture.

In March we did a study visit at the colourful workshop of our member Susanne Henriques. She is a textile designer who also gave a lecture about colour and textile.

In June we had a city walk around some of the colourful interiors of Stockholm led by Börje Larsson, a well-known master painter.

The next study visit, in September, took us to a small wallpaper industry that re-produces old patterns and wallpapers by hand. Birgit Burström, the owner, gave us an interesting presentation of her handicraft.

In November our annual meeting in the Swedish Colour Centre Foundation was held. The guest speaker, Martin Rörby, architectural historian, gave a presentation titled “The role of colour in architecture.”

THE FUTURE

Even during 2006, a couple of workshops have been arranged by the Swedish Colour Centre Foundation with the aim to discuss our possibilities to expand, and to gain and inspire new members. Our activity plan, which stretches from 2002 to 2008, includes our vision, goals, and targets for the acquisition of new members. We are constantly working with and updating this plan so that we may be able to reach our goals.

The planning for the AIC Interim Meeting 2008, which will be held in Stockholm June 15-18, 2008, has started. The theme is: Colour - Effects and Affects.

CONTACT INFORMATION

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SWITZERLAND

SWISS COLOUR ASSOCIATION, PRO/COLORE

HISTORY

The Swiss Colour Association Pro/Colore is an independent, non-profit colour association that aims to serve as a general and professional platform for dealing with colour design, dyes, colour reproduction, colour communication and other fields where colour is applied. Collective and individual membership is open to affiliates of trade unions and companies, educational, public and professional organisations and institutions, as well as private persons. Currently pro/colore has more than 200 members.

GOALS AND OBJECTIVES

The main goals are to further the exchange of experience, spread information and support cooperation between members specialized interest sectors. Pro/Colore is actively dedicated to promoting more conscious ways of understanding and dealing with colour, not only in the way it is used creatively, but also in terms of its production and reproduction.

AGREEMENTS

Pro/colore agreed to support a course called 'Colour Academy' at the *Haus der Farbe* (House of Colour, Colour School) in Zurich and thereby provided members with the opportunity of increasing their colour knowledge through this new educational program.

Pro/Colore made a special agreement with Verena M. Schindler, Chair of the AIC Study Group 'Environmental Colour Design' and member of pro/colore to represent the latter in all matters in the future concerning the cooperation between the two associations. The aim of this agreement is to establish Pro/Colore in the international world of colour, as well as further exchange and communication between pro/colore and the AIC. An agreement was also made with the BEF-IACC International Association of Colour Consultants/Designers enabling their members to attend Pro/Colore events under special conditions. These agreements will serve to establish a Swiss community of colour making membership in Pro/Colore valuable and important to everyone involved in colour in Switzerland.

EXECUTIVE BOARD

Pro/Colore's Board of Directors consists of eight members from different professional and trade sectors, such as architecture and design, as well as the fields of textiles, wallpaper, paint/plaster, and lighting. Current members of the executive board are:

Markus Christen, CEO, Philips AG Lighting Switzerland
Christian Engi, Textile Designer, Engi Design
Verena Felder, Designer, Felder Gestaltungen
Kirsten Domdey, Interior Decorator, Sto AG Switzerland
René Oeschger, Rep. Head Educational Centre, SMGV (Swiss Painter and Plaster Firms Association)
Ueli Wagner, Architect, HNW Architects
Brigitta Weber, CEO, Hurter Tapeten AG
Daniel Pfeffer, Head Marketing Services, CRB

ACTIVITIES

In March 2006, in association with its 15th General Assembly, Pro/Colore invited its members to attend the Ulrich Bachmann's event 'ColourLightLab' and the exhibition 'Colours Between Light and Darkness' in the Ditting House at the University of Applied Sciences and Arts / School of Arts and Design in Zurich. The event was organized by Prof. Ulrich Bachmann, who personally guided the Pro/Colore's members through the exhibition.

In June 2006, the second Pro/Colore event took place in the showrooms of Denz + Co. OfficeDesignCenter in Nanikon (Nänikon) and was dedicated to 'The Colours of Le Corbusier'. Members learned a lot about the valuable pigments and composition of 'Le Corbusier's Colours' as well as their use and application in architecture and design.

In September 2006, pro/colore and its members were guests of Sto AG Switzerland in Niederhasli. The topic of this meeting was 'Healthy Living – Avoiding Pollutants'. Information was provided about the indications and effects of pollutants in interiors and how they could be analyzed, rated and remedied. The lecture was held by Mr. Georg Binkert, Product Manager of Colours and Plasters, Sto AG.

The fourth event of Pro/Colore in November 2006 will feature the subject 'Colours in Architecture'.

FUTURE ACTIVITIES

There are already two Pro/Colore events scheduled for 2007:

16th General Assembly of Pro/Colore and its first event 'Dynamic Staging of Spaces for Living Via Light', Thursday, March 29th, 2007, Zumtobel Staff, Zurich.

Second Pro/Colore event 'Colour in Digital Print', Thursday, June 21st, 2007, Techno Fot and ExpoMobilia, Effretikon.

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UNITED STATES OF AMERICA

INTER-SOCIETY COLOR COUNCIL (ISCC)

BRIEF HISTORY

The ISCC is the principal professional society in the field of color in the United States. The Council was founded in 1931 with the goal of advancing the knowledge of color as it relates to art, science, and industry. There are three classes of ISCC membership: Individual, Member-body, and Sustaining. There are currently 15 Sustaining Members, 18 Member-Bodies and approximately 550 Individual Members. The ISCC website is www.iscc.org.

PUBLICATIONS

The ISCC publishes a newsletter six times each year. It also offers the following technical reports: *Color and Light* by Fred W. Billmeyer Jr. and Harry K. Hammond III; *Demystifying Color* by Robert Chung; Proceedings of the 9th Congress of the International Colour Association, Rochester, NY, June 2001; and *Guide to Material Standards and Their Use in Color Measurement* (ISCC TR-2003-1).

MEETINGS

2006 was the 75th Anniversary of the ISCC and the CIE Standard Colorimetric Observer. The ISCC celebrated at its Annual Meeting, followed by a joint ISCC/CIE Expert Symposium on the 1931 Observer, co-hosted with Canadian National Committee of the CIE. The meetings were held at the National Research Council of Canada in Ottawa, during the beautiful Tulip Festival.

UPCOMING EVENTS

The ISCC looks forward to the 2007 Special Topics Conference on Industrial Color Challenges, co-hosted with the American Association of Textile Chemists and Colorists (AATCC) at the Hilton University Place in Charlotte, NC on February 22-23, 2007. See <http://www.aatcc.org> or our newsletter for updates.

The 2007 Annual Meeting will be held in Kansas City, MO on April 29-30, 2007. The theme of the meeting will be "Bridging the Creative and Production Sides of Color." See the ISCC website or our newsletter for updates.

AWARDS

The ISCC presented the 2006 Macbeth Award for recent outstanding achievements in the field of color to Dr. David Brainard of the University of Pennsylvania. Dr. Mary McKnight, formerly of NIST, received the Nickerson Service Award.

The ISCC is soliciting nominations for the 2007 Godlove Award. The Godlove Award honors long term contributions in the field of color and is the most prestigious award bestowed by the ISCC.

ELECTIONS

The membership of the ISCC elected three new Directors to the Board – Sandra Austin of Horticolour, Scot Fernandez of Hallmark Cards, Inc. and James Roberts of BYK-Gardner USA. In addition, Dr. Maria Nadal of NIST became President-Elect and Jack Ladson of Color Science Consultancy became Secretary. Dr. Robert Buckley of Xerox became President, succeeding Dr. Joanne Zwinkels of the National Research Council of Canada, who became Past-President.

IN MEMORIAM

During the past year, we have lost one of our most notable members, Mr. William Thornton of Prime-Color, Inc.

PROJECT COMMITTEES

The ISCC currently has two Project Committees: #52 – Comparative List of Color Terms II, chaired by Ellen C. Carter, and #54 – Colors of Maximum Contrast, chaired by Hugh S. Fairman and Ralph Stanziola.

CONTACT INFORMATION

Dr. Robert Buckley
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REPORT FROM THE AIC STUDY GROUP ON COLOUR EDUCATION

The Study Group on Colour Education of the International Color Association (AIC) is an international network of scientists, teachers within the field of colour (colour theory, colour design, colour psychology etc.) and other professionals such as designers and architects with a specific interest in colour education. The aims are the exchange of knowledge and experiences among its members; the stimulation of teaching and research; to inform about coming congresses, seminars, workshops and exhibitions that might be of interest for the members of the group; and to share with other members news from congresses, seminars, workshops, publications, and exhibitions.

PROJECTS AND ACTIVITIES DURING 2005

Newsletters have been sent out during the year with news and information about coming AIC meetings and other colour seminars, colour studies, methods of teaching colour, new literature, etc.

Our literature list continues to be updated regarding literature used in colour studies and scholarship about how to teach colour. The list is divided into the following groups:

- Colour Atlases, Systems, and books about them,
- Literature about how to teach colour,
- Papers about how to teach colour,
- Literature and papers that are used to teach colour,
- Journals,
- Videos,
- CDROMs.

A Bibliography of Books on Colour 1500-2000: 2,500 Titles in English & Other European Languages by Roy Osborne has also been forwarded to all members.

During the AIC Congress 2005 in Granada, Spain, May 8-13, 2005 a Colour Education Symposium "How do we teach colour today and tomorrow?" was held. This question extends over a wide range of issues, for example: How do we use the new technologies for colour education? How can we develop the teaching in colour in the three dimensional world? Will today's knowledge become useless? Will the PC replace traditional educational methods and materials such as colour samples, watercolours, gouache paint, etc? How do we increase the interest for colour and colour research through colour education? Invited speakers were Grete Smedal and Sven Jacobsen with a paper titled "Colour education from past to PC" and followed by oral presentations titled "Using educational theory and advanced technology in colour education" presented by Marianne Patera, "A new colour primer for artists and designers: integrating aesthetics and perceptual science" by Harald Arnkil, and "Colour courses in architectural education and in Yildiz Technical University" by Rengin Ünver. Berit Bergström coordinated the symposium and presented an introduction and wrap up.

A Colour Education Session was also held with following four papers: 1) "Kinds of 'thing' that are named by colour names" by Paul Green-Armytage, 2) "By design: artist and colorist in the classroom" by Marcia R. Cohen, 3)

"A combined approach to web-based digital color design education" by Yu-Jin Kim & K.W. Chung, 4) "Computer-assisted colour aesthetics education" by Petronio A. Bendito.

PROJECT ABOUT CHILDREN AND COLOUR

In the study group we have started a project "Collection and analysis of colour books for children". This project will inquire into how children get in touch and learn about colour, beginning with their earliest exposure. The project is addressed to all members from different countries. It is understood as a comparative and inter-cultural study.

A questionnaire, forwarded to all members, is divided in following three different parts: A) About teaching and learning in schools, B) Investigating and analysing of the materials and tools available in public and private schools, and C) Authorship and books for children. These kinds of projects are very important for the Study Group. This will attain the goal of the Study Group to be a natural worldwide network for colour education, which can only happen when everyone is active.

EMAIL AND HOMEPAGE

The Study Group on Colour Education has the following e-mail address:

swedish.colour.centre@ncscolour.com

The Swedish Colour Centre has an own homepage where you can also find information about the AIC Study Group on Colour Education and the coming AIC meetings: www.fargcentrum.se

MEMBERS OF THE SOCIETY GROUP ON COLOUR EDUCATION

The Study Group has now 65 members, and 29 nations are represented in the group. The members list is not on our web site to avoid too much spam. It will be sent out continuously when new members are being introduced.

The membership is free, and is available for every person/organization who/which deals with colour scientifically or practically in colour education and contributes to the realization of the aims mentioned above. The requisites for being incorporated as a new member of the Colour Education Study Group are to subscribe and participate in the e-mail list and to have presented a paper or poster at an AIC meeting.

CHAIR

Berit Bergström, Swedish Colour Centre Foundation,
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REPORT FROM THE AIC STUDY GROUP ON ENVIRONMENTAL COLOUR DESIGN

HISTORY

On the occasion of the Fourth AIC Congress in Berlin in 1981, Antal Nemcsics (Hungary) proposed the creation of a study group for colour dynamics that was finally consolidated at the AIC Interim Meeting in Budapest in the following year, as the "Study Group on Environmental Colour Design." Anders Hård (Sweden) served as the first chairman, and Lars Sivik (Sweden) as its first secretary. In 1989, Leonhard Oberascher (Austria) succeeded as chairman. A small group within the ECD Study Group, which included the chairman, Lars Sivik, Werner Spillmann, and Paul Green-Armytage, established new objectives. The main aim was to disseminate knowledge and experience gained in the process of integrating colour in planning, designing, and realizing the built environment. A second important objective was to communicate the evaluative experiences of environmental colour design. The means of exchange were to be meetings, a newsletter, and collaboration with other groups and organizations. In the period between 1998 and 2005, José Luis Caivano (Argentina) was chairman and Leonhard Oberascher co-chairman.

WEB SITE

During the last few years the activities and events of the ECD Study Group have opened up exchange between experts, especially via the new means of the Internet. We are still hosted at:

<http://www.fadu.uba.ar/sitios/sicyt/color/ecd.htm>

COLOUR MAILING LIST

As well, a colour mailing list color@fadu.uba.ar was established by José Luis Caivano to keep the members in touch. Informal discussions on topics relating to colour in general, and environmental colour design in particular are welcome. Any interested person can join the colour mailing list and thereby receive information and participate in the online discussion. To join, please send an email to: majordomo@fadu.uba.ar The subject heading must be left blank. The body of the email should only include these two lines:

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subscribe color <your e-mail address>
end
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HOW TO BECOME A MEMBER

Anyone can become a member of the AIC Study Group on Environmental Colour Design. The only requirements are: 1) to have participated via an oral presentation or poster in at least one of the last four AIC Meetings or Congresses; 2) to subscribe to the colour mailing list and participate in the informal discussions on colour.

INTERNATIONAL EXCHANGE

Currently, the ECD Study Group has 57 members working in such diverse countries as Argentina, Australia, Austria, Belgium, Brazil, Canada, Finland, France, Great Britain,

Greece, Hong Kong, Hungary, Iran, Italy, Japan, Korea, Norway, Peru, Poland, Slovenia, Spain, Sweden, Switzerland, Thailand, Turkey, and the USA.

NEW CHAIR OF ECD STUDY GROUP

Until 2005 José Luis Caivano, who is now AIC president (2006-2009), was chairman of the Study Group on Environmental Colour Design. His successor was elected from among three candidates in June 2005 after the Tenth AIC Congress in Granada. The members of the AIC Study Group on Environmental Colour Design and the subscribers of the colour mailing list were invited to vote by email. The election was approved by the AIC Executive Committee. I, Verena M. Schindler, accepted to serve as the new chair. I'd like to thank all of you for your confidence and trust. I am pleased to work together with Dr. Leonhard Oberascher.

LAUNCHING A NEW PROJECT

This year at the AIC Interim Meeting in Johannesburg, South Africa, I will be launching a project that was already under discussion at the AIC Interim Meeting in Porto Alegre in 2004. It is entitled INTERACTION OF COLOUR AND CULTURE. Environmental Colour Design 1900-2010: An Anthology on Colour. The aim of the project is to publish an anthology containing a collection of texts on colour written by practitioners such as architects, landscape architects, colour consultants, artists, designers, cultural heritage commissioners, and lighting designers, as well as other professionals who have been directly involved in the conception, realization and application of colour in the environment and urban space.

The intention of the project is to show the diversity of approaches used worldwide in culturally, linguistically or geographically defined regions. Developed through the interaction of theory and practice, the aim will be to better understand the ways theory has an impact on practice, as well as the ways that specific principles in practice are generalized to form a body of theory. The project will also address traditional and changing notions of the local, regional, national or international meaning of colour.

Many key texts on colour remain unknown for a variety of reasons, e.g., they are unpublished or published in journals that are now out-of-print; or, they are simply difficult to access or have appeared in a fragmentary form in texts on the general theory of architecture, art and design.

Collecting and publishing these texts together will not only serve to validate individual efforts and achievements, but also put these in an historical context. This will serve the larger aim of promoting a deeper understanding of the relevance of colour in the overall design process of the twentieth and early twenty-first centuries. As a result, a basis for transnational discussions concerning a cross-cultural appreciation of environmental colour design will be established.

CALL FOR CONTRIBUTIONS

Please send us any text on Environmental Colour Design in any language for our database. Include the name and address of the author(s). This is important for the copyright in case of its publication. As well, add your name, your first name(s), and your address so you can be contacted. And finally, add the bibliographical information so we know where the text has been already published. Please indicate clearly if it appeared once or several times and specify the language of each publication. Articles for the anthology will be selected from this database. Further details will be provided soon. In the meantime, please contact me if you have any questions about submission.

CHAIR

Verena M. SCHINDLER (Switzerland / France)
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Co-CHAIR

Dr. Leonhard OBERASCHER (Austria)
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REPORT FROM THE AIC STUDY GROUP ON VISUAL ILLUSIONS AND EFFECTS

In the past the activity performed by the group was mostly concentrated in the main AIC Conferences, as documented in the reports. The reason is that the interest in visual illusions has been always connoted by opposite theoretical considerations that on the whole did not encourage specific research from the general scientific community. On the one side visual illusions were positively evaluated as important occasions that, along with their unexpected novelty and astonishing prominence, can force the researcher to understand the way our perception works. But inside this general appraisal, they have been often considered as only tools for attracting attention and therefore, good for curiosity, artworks, and fairs. On the other side they are believed to be mistakes of our perception and therefore unsuitably diverting the attention from more important topics. Anyway important research on visual illusions have always been performed, sometimes explicitly focused on the illusory aspects and as such, most times barely being mentioned. As a consequence it has always been difficult to organise conference sessions devoted to the illusory aspects of our visual perception, although many important contributions have been presented in differently labelled sessions.

We lastly succeeded in prefiguring an acceptable policy according to which we would collect the relevant abstracts presented for a Meeting or a Conference and organise a session in which those papers would be the centre of the attention that were dealing, either explicitly or not, with illusions. In these sessions the role of illusions in general, and that of the specific contributions in particular, on our knowledge of visual perception would have been widely discussed. The expected outcome was an increase of researchers' awareness about the relevance of illusions in vision science so that further work in that field would be promoted.

AIC Interim Meetings are usually characterised by relatively specialised topics, sometimes having very little to do with visual illusions (at least apparently), and therefore, years might pass without consistent work on illusions within the AIC framework. Luckily in the international culture the interest on visual illusions has greatly grown in the very last years, so much so that international competitions on visual illusions are held in occasion of conferences on vision. Some factors, among others, fostered this development: one was the appearance of the book *Visual Illusions and Effects* (1996, ten years ago), produced by members of the Study Group, in which a very large collection of illusions was presented and documented. The second was the beginning of the Internet era (Google was born in the same year 1996), which made the spreading of documentations and ideas very wide and fast. Now, 10 years after that book, one can much more easily find all desired documentations on the current state of visual illusions through the Internet. Thirdly, nowadays it is relatively easy to introduce some kind of movement in the presentation of most visual illusions, thanks to the speed of modern computers and suitable programming tools. In a paper at the AIC Kyoto Conference, I stressed the important role of motion in visual illusions, and it seems that the suggestion has been widely,

although mostly unconsciously, received, as it can be seen in a innumerable examples of illusions on the Internet.

The future of the Study Group is probably aided by the recent developments of studies on visual illusions, and it should not be difficult to organise in time, maybe for the Sidney AIC Conference (or perhaps for an Interim Meeting) some sessions completely and explicitly devoted to the study of colour illusions, their role in the study of visual perception and in art, and their impact in multimedia communications. Although colour illusions are not as common as other kinds of visual illusions, it would be attractive to promote while in Sidney, a competition and/or an exhibition of colour illusions, in conjunction with the organization of the Conference.

CHAIR

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REPORT FROM THE AIC STUDY GROUP ON COLOUR PERCEPTION OF THE ELDERLY

PURPOSE

The purpose of this Study Group (SG) is to discuss and share information on the basic and practical studies about the colour perception of the elderly, such as colour appearance, colour discrimination, brightness perception of colours, colour preference, and application tools for planning and testing universal colour designs.

PAPERS

Papers by study group members were presented at international meetings and published in research journals in 2005 and 2006.

T.Suzuki, Q.Yi, S.Sakuragawa, H.Tamura and K.Okajima; "Comparing the Visibility of Low-Contrast Color Landolt-Cs; -Effect of Aging Human Lens-," Color Research and Application, Vol.30, No.1, 5-12 (2005).

J.Hardy, P.Delahunt, K.Okajima and J.S.Werner; "Senescence of Chromatic Contrast Sensitivity 1. Threshold Measurements," Journal of Optical Society of America. A, Vol.22, No.1, 49-59 (2005).

P.Delahunt, J.Hardy, K.Okajima and J.S.Werner; "Senescence of Chromatic Contrast Sensitivity 2. Suprathreshold Measurements," Journal of Optical Society of America. A, Vol.22, No.1, 60-67 (2005).

T. Suzuki, Q. Yi, S. Sakuragawa, H. Tamura and K.Okajima; "Age-related Changes of Reaction Time and P300 for Low-Contrast Color Stimuli; Effects of Yellowing of the Aging Human Lens," Journal of Physiological Anthropology and Applied Human Science, Vol.25, No.2, 179-187 (2006).

R. Ferrer, R. Garcia-Monlleo, M. Melgosa, K. Shinomori, K. Okajima, "Colour Changes Attributable to Age-Related Modifications of the Human Lens," Proceedings of 37th International on Novelties and Textiles, 84 (2006).

INFORMATION EXCHANGE

Since 2003, the Internet has been the main vehicle for information exchange. In particular, information about the "Vision Science & Technology Symposium" held in Toyohashi, Japan on August 4 was distributed to members this year.

HOME PAGE

The homepage of the study group is being maintained and is updated periodically. Since 2004, only registered members who have an ID and password can access the homepage and get information on aging vision.

<http://www.cpesg.org>

MAILING LIST

A mailing-list system is also maintained since 2004. Although interrupted for a time due to computer virus attack, the list is once again functional.

MEMBERSHIP

Currently, the number of members is 65.

FUTURE ACTIVITIES

- We will enrich the homepage contents steadily,
- We will make an effort to issue the mailing news periodically, and
- We are planning to hold a symposium perhaps in concert with a forthcoming AIC interim meeting.

CHAIR

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