

AIG

NEWSLETTER 12

1997

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

NEWSLETTER 12, December 1997

Edited by Roy Osborne & Paula Alessi

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PROFESSOR DAVID WRIGHT, who has died aged 90, was the Professor of Applied Optics at Imperial College from 1951 to 1973, and one of the most eminent figures in the world of colour.

In the late 1920s, Wright measured, for 10 observers, the way in which the colours of the spectrum are matched by beams of red, green, and blue light added together. This work, together with a similar study carried out by John Guild at the National Physical Laboratory, forms the basis of the international standard for measuring colour. Although now more than 60 years old, the standard is still in universal use.

William David Wright was born on July 6 1906 at Penge, in south London. He was educated at Southgate County School and at Imperial College.

Wright carried out his work on colour in the Physics Department of Imperial College, and, except for a short break from 1929 to 1930, spent the whole of his career there. In that interlude he was a research engineer at Westinghouse Electric and Manufacturing Company, in Pittsburgh, where he worked on colour television.

This was long before even black-and-white television had been properly developed; but the colour television systems in use today depend on Wright's work as the basis of their reproduction of colour by the addition of areas of red, green, and blue light.

Wright's researches at Imperial College covered many aspects of colour vision, and were summarised in his *Researches on Normal and Defective Colour Vision* (1946), one of five books he wrote.

The same meticulous care in his experimental work that characterised his original colour-matching experiments, was evident throughout all his investigations, and led, for the first time, to definitive descriptions of the main types of colour blindness.

The publication in the magazine *Picture Post* of a test for a very rare type of



Wright: pioneer in the measurement of colour

colour deficiency, in which bluish and yellowish colours are confused, led to the discovery of about a score of people with this defect, and the characteristics of their vision were documented accurately for the first time.

As a professor at Imperial College, Wright was both a fine lecturer and an outstanding supervisor of post-graduate students. Today, at any conference on colour science, many of his past students are to be found presenting work which owes its genesis to his influence.

Early on, he saw the need for workers in colour science to have a forum for regular meetings, and he was largely instrumental in the formation, in 1940, of a Colour Group in the Physical Society. This group continues to flourish, though now as an independent entity. Similar groups have since sprung up in many other countries, and together form the International Colour Association.

Wright was chairman of the Colour Group from 1941 to 1943 and again from 1973

to 1975. He was vice president of the Physical Society from 1948 to 1950, secretary of the International Commission for Optics from 1953 to 1966, chairman of the Physical Society Optical Group from 1956 to 1959, and president of the International Colour Association from 1967 to 1969.

He gave the Physical Society Thomas Young Oration in 1951. He received the Newton Medal from the Colour Group, in 1963, the AIC-Judd gold medal from the International Colour Association in 1977.

Keenly interested in painting, he combined this interest with his colour science to conduct a series of measurements on paintings at the National Gallery to provide data on the permanence of some of its treasures.

He was a passionate follower of cricket, and thoroughly enjoyed a day at Lord's.

He married, in 1932, Dorothy Hudson, who died in 1990; they had two sons, one of whom predeceased him.

WILLIAM DAVID WRIGHT

(born 6 July, 1906; died 4 June, 1997)

First President, International Colour Association 1967-69
First Chairman, The Physical Society Colour Group 1940-43
Chairman, The Colour Group (Great Britain) 1973-75
Author of *The Perception of Light, Photometry and the Eye,*
Researches on Normal and Defective Colour Vision,
The Measurement of Colour and The Rays are not Coloured



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

AIC MEMBER ORGANIZATIONS

GRUPO ARGENTINO DEL COLOR (Argentine Color Group)

c/o Lic. R.D. Lozano
C. de Correo 157
1650-San Martin
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REPUBLIC OF ARGENTINA

COLOUR SOCIETY OF AUSTRALIA

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School of Design
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G.P.O. Box U 1987
Perth 6001
Western Australia
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AUSTRIA

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PEOPLES' REPUBLIC OF CHINA

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ACORA

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c/o Prof. Antal Nemcsics

Faculty of Architecture

Technical University of Budapest

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HUNGARY

THE COLOUR GROUP OF INDIA

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NCAD Institute of Colour
Ullevålsveien 5
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International Color Association
Association Internationale de la Couleur
Internationale Vereinigung für die Farbe

REPORT OF THE SECRETARY / TREASURER TO THE EXECUTIVE COMMITTEE OF
THE AIC, KYOTO, MAY 1997

State of account in SF
Assets January 1, 1996

deposit	33098.81
giro	<u>3136.60</u>
total	36235.41

Interest from bank	350.48	
Subscriptions	<u>2325.--</u>	
Total income	2675.48	
Expenditures	1045.51	
Net result		<u>1629.97</u>
		37865.38

Assets December 31, 1996	deposit	33941.88
	giro	3923.50

Heeze, April 17, 1996

A handwritten signature in black ink, appearing to read 'C. van Trigt', written over a horizontal line.

Dr. C. van Trigt, secretary / treasurer AIC
Saturnus 8, 5591 PB Heeze, The Netherlands.

President's Report Year 30

The year 1997 has been characterized by an intense activity within the AIC, as well as by important events. Being the last year of a quadrennium, 1997 imposed some basic "physiological" tasks, such as:

- a) rendering the change over of chairmanship as smooth as possible
- b) consolidating the composition of the EC for next quadrennium, after the preliminary consultations.
- c) striking the balance of the Study Groups, by coordinating the activity of various sub-groups.
- d) gathering nominations for the **1997 Judd/AIC Award**, and voting
- e) gathering invitations for future (Interim, Midterm, Plenary) meetings.
- f) broadening the membership, by calling countries not yet affiliated. The main strategy consisted of preserving at the top of the new EC some members of the previous EC (**Mitsuo Ikeda**, becoming, as due, President: **Paula Alessi**, as Vice-President, and **Frank Rochow**, as Secretary/Treasurer). By becoming gradually and increasingly active since the end of May, 1977, this sort of "steering group" automatically succeeded in smoothing the possible discontinuities of the change over.

The new EC includes representatives of three continents: Asia, through Japan (**M. Ikeda**) and South Korea (**J. S. Lee**); America, through USA (**P. Alessi**); Europe, where, by using an obsolete terminology, the "west" countries (Spain, **J. Romero**; France, **M. Albert-Vanel**; and Germany, **F. Rochow**) are flanked by an "east" country, Slovenia (**M. Tusak**).

The Study Groups have been active. I am pleased to warmly acknowledge the Chairmen, **L. Oberascher** and **O. da Pos**, who beautifully performed at the Kyoto meeting, and **R. Osborne**, who duly revised the language of various Reports, and was in addition, the editor of the yearly AIC Newsletter.

The voting with regard to the **Judd/AIC Award 1997** has been rather laborious, because of the relevance of various personalities proposed by the country members, and it culminated in a ceremony in Kyoto, where the prestigious gold medal, split into three, was given to Swedish Group responsible for the NCS, **Hård-Tonnquist-Sivik**. In the matter of AIC meetings, the countries who organized them during the 1993-1997 quadrennium are warmly acknowledged; UK, Germany, and Sweden. The contributions were published in the Photographic Journal, in die Farbe and in an Anthology, respectively. The invitations for the future quadrennium include Norway for 1998. Poland for 1999, USA for 2001, and, yet to be decided, Argentina, South Korea or UK, for the year 2000.

The situation in the matter of new membership seems to be satisfactory: Korea, Ireland, Finland and New Zealand now belong to the AIC family. The contribution of **Paula Alessi** (who also took care of AIC liaisons) to this item

is of relevance: she edited and distributed a brochure, which evoked numerous favorable reactions, in the form of requests of information on the AIC. In fact the basic mechanisms and the role of National Color Groups and Centers did not seem to be familiar to a large number of color experts. Well appreciated was the front page of the brochure (a joint effort of **Roy Osborne** and **Paul Green-Armitage**) which, as I have been learning, is now being used by educators, to impressively visualize the distinction between additive and subtractive color mixtures.

The AIC-relevant event, in 1997 has been the **AIC Kyoto 1997** anticipated by a Poster, distributed on a wide scale, and captured by various people for their private "collections" and by two circulars, one red-green through yellow, the other, blue-yellow through blue-green attended by more than 600 participants who enjoyed a memorable, perfectly organized, high level meeting. The duly edited Proceedings (two dark blue volumes, in an elegant black envelope) document the scientific weight of the contributions, also outlined by a set of world experts in the last issue of Color Research and Application.

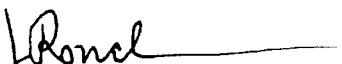
The AIC EC met twice, in Kyoto; the latter time, old and new members met jointly. The AIC situation was examined in detail, and retiring members were acknowledged, in particular the Secretary/Treasurer **Kees van Trigt**.

To conclude, the wish to emphasize that I consider most important for the AIC is the fact that **Mitsuo Ikeda** is becoming AIC President. He is one of the most outstanding personalities on the face of the earth, in the matter of Color Science. The expertise of his country, Japan, was well manifested to everybody in Kyoto; more than 300 researchers, an incredibly large amount, driven by a powerful and serious organization like the Color Science Association of Japan, who is acknowledged for having organized and hosted so perfectly and elegantly the **AIC Kyoto 97**.

These are the right ingredients for a successful transition of AIC through such a disquieting barrier, like the end of a millennium.

Prof. Dr. Lucia R. Ronchi

December 17, 1997





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

Minutes of the AIC General Assembly, May 28th, 1997

Venue: Kyoto International Conference Hall
Date: May 28th, 1997
Time: 09:00 - 10:00

Present: Prof. Lucia Ronchi (President)
Prof. Mitsuo Ikeda (Vice President)
Ms. Paula Alessi (EC-member)
Dipl.-Ing. Frank Rochow (EC-member)
Dr. Lars Sivik (EC-member)
Prof. Jin-Sook Lee (EC-candidate)

12 voting countries were represented:

Argentina
Australia
China
Germany
Great Britain
Hungary
Italy
Japan
Korea
South Africa
Sweden
USA

Agenda:

- 1) Welcoming address (Ronchi, Ikeda)
- 2) Calling the National Representatives (by quoting also the observers)
- 3) Synthetic picture of AIC during the 1993-1997 quadrennium
 - the meetings
 - the Newsletters (Roy Osborne)
 - the Study Groups
 - the brochure and liaison (Paula Alessi)
- 4) Treasurer's report and approval (added to the agenda during the General Assembly)
- 5) Election of officers for next quadrennium
 - welcoming the new President, Mitsuo Ikeda
 - the EC slate for the election of the Vice-President, the Secretary/Treasurer and for ordinary members
- 6) About the future quadrennium (1998 - 2002) (M. Ikeda)
 - future meetings
 - others
- 7) Requests from the floor
- 8) Closure

1) Welcoming address

Lucia Ronchi and Mitsuo Ikeda welcome the AIC delegates to Kyoto

2) Calling the National Representatives

Before calling for voting representatives from national member countries, Heinz Terstiege complained that this was a poorly organized General Assembly, as there was no agenda distributed before the meeting, and no agenda on display. Therefore a copy of the agenda was put onto the OH-projector and the meeting could commence.

12 voting countries, as already listed above, were represented.

**3) Synthetic picture of AIC during the 1993-1997 quadrennium
- the meetings**

Lucia Ronchi named the meetings in

Budapest 1993

Cambridge 1994

Berlin 1995

Gothenburg 1996

Kyoto 1997

and thanked the organizers for the excellent work.

- the Newsletters

Roy Osborne did an outstanding job in editing the Newsletter

- the Study Groups

The following Study Groups are working:

Visual Illusions and Effects

Environmental Colour Design

Colour Education

- the brochure and liaison

Paula Alessi printed and distributed a brochure to make the work of the AIC more known to interested persons and organizations.

4) Treasurer's report and approval

Frank Rochow read the Treasurer's Report on behalf of Kees van Trigt, who was unable to travel to Kyoto. As this was just a treasurer's report without breakdown of the individual expenditures, Heinz Terstiege was concerned about exactly where the money was going. (Lucia Ronchi showed the more detailed report of the treasurer to him later on, and John Hutchings, who arrived later, confirmed the audit of the bookkeeping). As the General Assembly did not release the treasurer at this point, it was agreed that another audit will take place when the next treasurer takes over from Kees and then this will be the formal release for Kees.

5) Election of officers

Lucia welcomed Ikeda as the new President (ex officio).

Then she introduced those on the EC slate and the discussion was opened. As 3 of the candidates were not present (Romero and Tusak could not travel and Vanel did not show up in the General Assembly), Heinz Terstiege and Francois Denner expressed dismay that EC members and candidates aren't coming to meetings. They wanted to hear from each EC candidate whether or not they can attend all meetings in the next quadrennium. Despite these concerns, voting resumed.

Voting results:

Paula Alessi	Vice President	12	approved
Frank Rochow	Secretary/Treasurer	12	approved
Jin-Sook Lee	EC Member	12	approved
Michel Albert-Vanel	EC Member	9	approved
		2	opposed (because he wasn't present)
		1	abstention
Javier Romero	EC Member	11	approved
		1	opposed
Maks Tusak	EC Member	8	approved
		3	opposed
		1	abstention

6) Future quadrennium:

The following AIC meetings are planned:

- 1998 Oslo October 8 - 11,
but this conflicts with ISCC and CIE in Baltimore October 2 - 5, 6 - 8.
- 1999 Poland, Warsaw for AIC Midterm with CIE Quadrennial meeting June 22 - 23
- 2000 open, but maybe in Asia
- 2001 Rochester, New York, USA, June 24 - 29

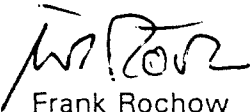
7) Requests from the floor

No further requests

8) Closure

Mitsuo Ikeda and Lucia Ronchi thanked all participants for coming and closed the General Assembly.

End of minutes of the AIC General Assembly, May 28th, 1997


Frank Rochow
Secretary / Treasurer

Berlin, January 4th, 1998



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

MINU0401.981

Minutes of the AIC Executive Committee Meeting, May 25th, 1997

Venue: Kyoto International Conference Hall
Date: May 25th, 1997
Time: 10:00 - 16:00

Present: Prof. Lucia Ronchi (President)
Prof. Mitsuo Ikeda (Vice President)
Ms. Paula Alessi (EC-member)
Dipl.-Ing. Frank Rochow (EC-member)
Dr. Lars Sivik (EC-member)
Prof. Jin-Sook Lee (EC-candidate)
Prof. Michel Albert-Vanel (EC-candidate)

The agenda distributed by Lucia Ronchi was approved.

1) Welcome address

Mitsuo Ikeda welcomes the EC-members and -candidates to Kyoto

2) Secretary / Treasurer Report

Frank reported for Kees. As Kees was not able to attend, he sent the necessary information to Frank on May 13th.

Frank read the letter from Kees (see attached) and the treasurer's report including the report of the audit from John Hutchings.

The EC agreed to read just the Treasurer's report to the delegates on Friday.

Kees' letter pointed out some confusion regarding the \$US 2,000 for the Judd Award recipients. Would each of the three recipients receive \$US 2,000 or would the \$US 2,000 be split among the three recipients? It was agreed that the \$US 2,000 will be given to the AIC Judd Award recipients who are then free to split it among themselves or have one person use it. Lars could use it as travel assistance so that he could receive the award in Kyoto on behalf of all three recipients. Since this situation was so unclear, the EC decided to establish a policy to support an AIC tutorial lecturer at every AIC meeting for the next quadrennium (see for more details regarding the AIC Judd Award 11b).

3) Election of new EC-officers

The new EC candidates, as published in the Newsletter, are:

Jin-Sook Lee (South Korea)
Javier Romero (Spain)
M. Tusak (Slovenia)
Michel Albert-Vanel (France)

These candidates stand because there were no additional nominations were received as the announcement in the Newsletter requested. Therefore the EC slate will be used as it stands in spite of the fact that there are some concerns on all candidates being able to serve. It is assumed that Tusak is still able to serve in spite of the fact that he apologized for being unable to attend the Kyoto meeting.

4) **New AIC-observers**

The EC approves

Dr. Andrew Chalmers
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Newbury Street
Private Bag 94006
Manukau City
Auckland, New Zealand
Tel: + +0064 9 274-6009
Fax: + +0064 9 273-0711
e-mail: chalmers@manukau.ac.nz

as AIC observer for New Zealand. His membership dues is SF 25.00.
(See also minutes of the EC-meeting of May 30th, 1997).

5) **Liaisons**

ICC has expressed interest in joining. Their fee should be SF 100. Bruce Moss from Northern Ireland asked about membership. Paula sent him a letter describing his two options. First, since Northern Ireland has no national colour organization, he is eligible for AIC observer membership status. Second, since he is already a member of The Colour Group of Great Britain, he is already connected to AIC. Paula gave him Roy Osborne's name and address for more information on The Colour Group. Since Paula hasn't heard from Mr. Moss recently, maybe he decided to stay in contact with AIC through The Colour Group.

In our information brochure Paula will try to avoid confusion by changing the bottom to say: "For information about AIC contact Paula Alessi or your country members".

6) **AIC Study Groups**

Lucia has compiled all work from AIC study groups into a book. She has made no reference to AIC, but the EC asked her to do so recognizing each study group by name and naming the members of each study group. Each study group should publish a short report at the end of each year to be published with the 4-yearly statements by the Secretary/Treasurer and then presented to the meeting of delegates at the end of each 4 year period. Any publication done by an AIC study group should be referenced as such. We have 3 active subgroups in Colour Education but no chair. We will ask the General Assembly for any suggestions for a chair of the AIC study group on Colour Education. We will ask LEO Oberascher if he can continue to be ECD chair. If not, we must find another chair.

7) **New Study Group - Machine Vision**

Paula didn't hear a response from Tim Ellis from The Colour Group of Great Britain. This probably means that he was not interested in being the chair for an AIC study group on machine vision. We will see if there is any interest at the meeting in Kyoto.

8) **About Gothenburg**

Lars planned the whole meeting himself. It was so well-planned that it broke even. He has the extended abstracts, which he compiled himself, to be published. The compilation of extended abstracts will be available for sale. The preface of the compilation states that this is the output from an AIC conference. It will be published through the Scandinavian Colour Institute. AIC is grateful to Lars for organizing this successful conference in Sweden.

9) **AIC '97 Kyoto**

627 Participants from 18 countries out of 23 are represented, so far.

10) Meetings for next quadrennium

2001 Rochester ,New York, USA Dates: June 24 - 29

1999 Poland at time of CIE Dates: 2 days before CIE meeting June 22 + 23

1998 : Ikeda will write a letter to Centre Francais de la Couleur expressing our disappointment about their cancellation.

There are the following options:

Lucia will approach Finland to make sure that they will become AIC members before they could organize an AIC meeting.

Other candidates are Norway, Slovenia and Bulgaria, who has invited us.

11) Miscellaneous

Lucia wrote a letter to candidates who did not receive the Judd Award because she understood that Kees wanted her to do so.

a) **Policy on AIC Judd Award Nomination Committee**

We will establish a new policy to have an AIC Judd Award Nomination committee. It will be chaired by the Vice President, and the last 5 to 7 Judd awardees will be members. If there are multiple awardees, at least one person must attend the meeting to accept the award. The AIC EC must have all names of nominees one year ahead.

b) **AIC Policy on Tutorial Lecturers**

The AIC will establish a policy to support an AIC tutorial lecturer at every AIC meeting for the next quadrennium. Support will be in the form of an honorarium not to exceed US\$ 2,000. The AIC meeting organizing committee will select the lecturer and determine the exact amount of this honorarium.

In a year when the AIC-Judd Award is to be given, the AIC-Judd Award winner will be the tutorial lecturer and will receive a US \$2,000 honorarium if the awardee can attend the meeting.

12) Others

No other matters were discussed.

13) Next EC meeting

The next EC meeting will take place

on May 30th, 1997, 12:00 - 13:50, at the Takaragaike Prince Hotel

14) The meeting of old and new EC-members

Already performed with this meeting, and again on May 30th (see 13).

End of minutes of the AIC Executive Committee Meeting, May 25th, 1997


Frank Rochow
Secretary / Treasurer

Berlin, January 4th, 1998



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

Minutes of the AIC Executive Committee Meeting, May 30th, 1997 Meeting

Venue: Kyoto Takaragaike Prince Hotel
Date: May 30th, 1997
Time: 12:00 - 13:50

Present: Prof. Lucia Ronchi (Leaving President)
Prof. Mitsuo Ikeda (Leaving Vice President / Future President)
Dipl.-Ing. Frank Rochow (Leaving EC-member / Elected Secretary/Treasurer)
Dr. Lars Sivik (Leaving EC-member)
Prof. Jin-Sook Lee (Elected EC-member)
Prof. Michel Albert-Vanel (Elected EC-member)

Excused because of medical reason:
Ms. Paula Alessi (Leaving EC-member / Elected Vice President)

The agenda distributed by Lucia Ronchi was approved.

1) Report of the General Assembly

The EC slate for the next quadrennium has been approved:

Prof. Mitsuo Ikeda
President (ex-officio)
Department of Photonics
Ritsumeikan University
Nojihigashi 1-1-1, Kusatsu-shi, Japan 525-77
Phone: + + 81-775-61-2872
Fax: + + 81-775-61-2663
e-mail: mikeda@bkc.ritsumei.ac.jp

Ms. Paula Alessi
Vice President
Eastman Kodak Company
1700 Dewey Avenue
Rochester, New York 14650-1907, USA
Phone: + + 1-716-477-7673
Fax: + + 1-716-722-1116
e-mail: pjalessi@kodak.com

Dipl.-Ing. Frank Rochow
Secretary / Treasurer
c/o LMT Lichtmesstechnik GmbH Berlin
Helmholtzstrasse 9
D-10587 Berlin, Germany
Phone: + + 49-30-393-4028
Fax: + + 49-30-391-8001
e-mail: rochow@lmt-berlin.de

Prof. Jin-Sook Lee
EC member
Department of Architectural Engineering
College of Engineering
Chung Nam National University
220, Kung-Dong, Yusong-Gu
Taejeon, Korea 305-764
Phone: + + 82-42-821-6573
Fax: + + 82-42-823-9467
e-mail: js_lee@hanbat.chungnam.ac.kr

Prof. Michel Albert-Vanel
EC member
Ecole Nationale Supérieure des Arts Décoratifs
31 rue d'Ulm
75005 Paris, France
Phone:
Fax: + + 33-1-46-33-16-99, + + 33-1-42-34-97-85
e-mail:

Prof. Javier Romero
EC member
Departamento de Optica
Universidad de Granada
Facultad de Ciencias
1807 Granada, Spain
Phone:
Fax: + + 34-58-243-3032
e-mail: jromero@goliat.ugr.es

Prof. Maks Tusak (home address)
Regular EC member
Zalog 21
4207 Cerklje na Gorenjskem
Slovenia
Phone + Fax: + + 386-64-421-025

Thus, the officers of the AIC represent 3 continents (America, Asia, and Europe).

2) Acknowledgements

Kees van Trigt, Roy Osborne and Lars Sivik were acknowledged for having so duly served the AIC during the past quadrennium.

3) Financial situation:

The AIC finances are very healthy. The EC will work on further proposals for how AIC money could be used.

4) Newsletter

Roy Osborne did a great job in editing the yearly volume

5) Study Groups

VIAE Osvaldo da Pos continues as chair. A book is edited
ECD Jose Caivano will be chair, Leo Oberascher will continue as "Co-Chair".
Colour Education Karen Fridell Anter (Stockholm) will be Chairperson and coordinator for the
3 subgroups
Art Roy Osborne
Ophthalmology T. Birch
History S. Coonan

Lucia Ronchi published Study Group reports totaling about 300 pages in "Talking about color".

6) Membership

Canada passed from member country to the observer state through A.R.Robertson.

Belgium was temporarily expelled. A rescue strategy to restore their membership is in course.

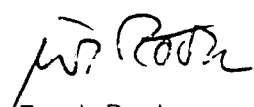
Ireland is now represented by an observer (S. Coonan).

New Zealand is represented by the observer A. Chalmers

The EC approves as an observer for

Finland:
Harald Arnkil
University of Art and Design
Helsinki Uiah, Department of Art
Haameentie 135 C
FIN - 00560 Helsinki, Finland
Tel: ++ 358 9 7563-0298
Fax: ++ 358 9 7563-0577

End of minutes of the AIC Executive Committee Meeting, May 30th, 1997


Frank Rochow
Secretary / Treasurer

Berlin, January 4th, 1998

KOREAN SOCIETY OF COLOR STUDIES

c/o Prof. Yang-Sup Lee
Kon Kuk University, 93-1 Mojin-Dong, Kwang Jin-Ku, Seoul
Korea 133-701
Tel +82-2-450-3789
Fax +82-2-444-1058
e-mail yanslee@kkucc.konkuk.ac.kr

Society Officers 1997-98

President: Yang-Sup Lee
Vice-president: Man-Yang Lee, Ji Chul Kim, Kyang-Yong Kim
Secretary General: Mung-Sook Lee
Secretary AIC: Ok-Hyun Kim

The KSCS presented frequent educational meetings, as follows:

1. Published Journal of Korean Society of Color Studies
Volume 8 (June 1997) & Volume 9 (October 1997)
2. **Spring Conference** (12 July, 1997)
Invited Speaker: Mitsuo Ikeda (Japan), President of AIC
3. **Fall Conference** (11 October, 1997)
Invited Speakers: Mitsuo Ikeda (Japan), President of AIC
Peter McCulloch (England)

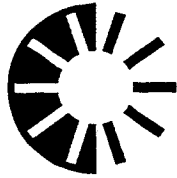
GLÓWNY URZAD MIAR (CENTRAL OFFICE OF MEASURES), POLAND

From: Mr. Jerzy Pietrzykowski
Head of Optical Radiation Division, Central Office of Measures,
PO Box P-10, PL-00-950 Warszawa, Poland
Tel. +48-22-620 59 71
Fax. +48-22-620 83 78

The Central Office of Measures (formerly the Polish Committee for Standards, Measurement and Quality Control) has been a Member of the AIC since 1980. In Poland, there is no other association for examining colour standards and problems. Groups of interested persons from the Central Office of Measures, the Polish Committee on Illumination, and institutes and technical universities act in a range of colorimetry and colour applications.

In 1997, we organized a **Second National Colorimetric Symposium**, associated with an exhibition of colorimetric and spectrophotometric instruments. Almost 100 persons participated in the Symposium, and the Proceedings of the Symposium were printed.

I hope that Warsaw will host the 1999 AIC Midterm Meeting.



The Colour Society of Australia was established in 1986, and we held our first conference the following year with Anders Hård as our special guest. This year, at our sixth biennial conference, we had a formal celebration of our tenth anniversary (one year late). At the conference banquet our founder, Bryan Powell, presented a short history of the Society.

The theme of the conference, hosted by the Western Australian Division, was *Colour for Life*. There were a number of innovative features. It was a hands-on conference with two workshops and what we called the "Colour Market".

Our special guest was John Hutchings. John presented the keynote lecture and also conducted a two part "Eating Seminar"; special lunch menus were prepared to illustrate John's points. On the first day the theme was "white". The importance of varied colour in food was illustrated by its absence. The menu included fish, rice, pasta, cous cous, cauliflower, and mashed potatoes, followed by bananas and meringues. Table cloths and serviettes were also white and there were white flowers at the centre of each table. We were nervous about a possible revolt from the delegates similar to the one I had experienced when I had tried to persuade local Society members to eat in a room lit only by low pressure sodium. But it would seem that achromatic food in an otherwise chromatic world is much more palatable than food in a world where everything, including the food, is monochromatic. In contrast, the theme on day two was variety, variety of colour, texture and flavour.

We were lucky to attract two other international speakers: Mauricio Rinaldi, lighting designer at the Colón Theatre in Buenos Aires, spoke on the revolutionary design ideas of Adolphe Appia, and Michel Cler spoke about the pioneering work he and his wife, France, have done on the application of colour in the built environment. The final session of the conference was a symposium on *Colours for Australia*. Sally Osborne from northern New South Wales, Di Robson from South Australia and Juliet Albany from Western Australia presented regional viewpoints, and Michel showed the results of a colour analysis he and France had conducted in Perth during the two days before the conference. They had recorded the characteristic colours of three areas: the city centre, one of the older suburbs and a new development.

The conference had been timed to coincide with the Wildflower Festival in Perth's Kings Park. Entry to the Festival was included in the registration fee and one morning was set aside for a visit. We were particularly lucky that Dr Kingsley Dixon, Assistant Director (Plant Science) of King's Park, was able to give a lecture before our visit to the Festival on *The Weird and Wonderful Wildflowers of Western Australia*.

The time-table for the conference had three periods of one and a half hours each so that all delegates could attend each of the two workshops and have a session in the market. In the first workshop, on *Colour Perception*, participants looked closely at natural objects and matched the colours they saw with colour samples provided by Dulux and Taubmans. In the other, on the *Language of Colour*, participants explored the ways in which colour combinations communicate ideas and feelings. More hands-on learning was available in the Colour Market. The market also served as a showcase for members' work and provided an opportunity for the collection of research data. Unlike the more common situation where conference participants can do little more than look at equipment during a coffee break and collect pamphlets, here they could learn about colour measurement and use a spectrophotometer (courtesy of Nick Harkness and his company, Abicolor Pty Ltd). And, instead of just witnessing a demonstration of personal colours analysis, individual participants could "get their colours done".

We held our Annual General Meeting during the conference and a new committee was elected. Dr Ken Pidgeon, of SOLA International Holdings, is our new president and Christine Fry, of Toyota Australia, is vice president. The national executive is now based in Ken's home state of South Australia. Our next conference will be in Sydney in 1999 one year before the Olympics.

Paul Green-Armytage



E-mail: colourgroupgb@city.ac.uk

Web: <http://www.city.ac.uk/colourgroup/>

THE COLOUR GROUP
(GREAT BRITAIN)

1997-98 Committee: Dr. Julie Taylor (Chair), Mr. Roy Osborne (Vice-Chair), Dr. Gabriele Jordan (Secretary), Dr. Patrick Forsyth (Treasurer), Ms. Carole Anne Ferris (Membership Secretary), Mr. Anthony Johnson, Mr. Michael Lancaster, Dr. Michael Pointer, Dr. Alex Shepherd, Mr. Anthony Walkden, Dr. Stephen Westland (Ordinary Members), Dr. Carol Wood (Editor).

The Colour Group promoted frequent educational meetings in London, as follows:

8 January, 1997, at the Institute of Ophthalmology: Comparative & Biological Aspects of Colour Vision presented by A. Bennett, W. DeGrip, G. Finlayson, R. Foster, J. Messenger, A. Shepherd, S. Verhulst, S. Wilkie

5 February, 1997, at the City University: Colour in Displays presented by G. Moss, R. Salmon

5 March, 1997, at the City University: Colour in Printing presented by A. Johnson, J. Nobbs, K. Tritton, R. Bratchley

2 April, 1997, at the City University: Postgraduate Meeting presented by E. Alexander, V. Cole, A. Finlay, A. Ford, D. Osorio, C. Ovenston

14 May, 1997, at the City University: Retiring Chairman's Address, Colour in Fashion, presented by R. Osborne

18 June, 1997, Visit to Lord Rayleigh's Laboratory, Hatfield Peveral, Hertfordshire

1 October, 1997, at the City University: Digital Colour Imaging presented by R. Hunt, A. Johnson, R. Luo, L. MacDonald, M. Pointer; C. James Bartleson Lecture presented by A. Ford

5 November, 1997, at the City University: Newton Lecture, Aesthetics of Colour & Orientation, presented by D. Pavey

3 December, 1997, at the National Gallery: Colour and the Environment presented by M. Lancaster, J-P Lenclos

Newsletters were published monthly

The Colour Group (Great Britain) is a Registered Charity (1047518) and a company limited by guarantee (277531 England). It is one of 1910 UK and an interdisciplinary society that brings together those concerned with all aspects of colour: its measurement, reproduction and perception. Registered office: Applied Vision Research Centre, Department of Optometry and Vision Science, 111-121 Gower Road, London E14 3JF.

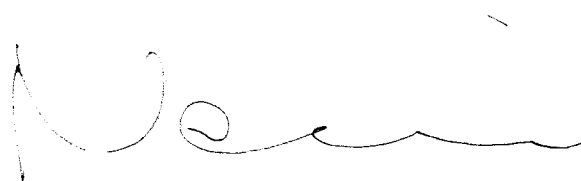
HUNGARIAN NATIONAL COLOUR COMMITTEE
TECHNICAL UNIVERSITY OF BUDAPEST
PROF. ANTAL NEMCSICS, Ph.D., D.Sc.
1111.Budapest, Múegyetem rkp. 3. Hungary
Phon.: 36-1-463-3050, Fax: 36-1-463-3171, Phon/Fax: 36-1-292-1419

**REPORT 1997 OF THE HUNGARIAN NATIONAL COLOUR
COMMITTEE**

- Four years of mandates of the Committee chairman and secretary are off. The Corporation of the Hungarian Academy of Sciences elected Prof. Antal Nemcsics, Ph.D., D.Sc. for further four years chairman of the HNCC. Prof. József Hegedüs, Ph.D. has become the new secretary.
- The new chairwoman of the Coloristic Section of the Association of Chemists is Mrs. Agnes Kovács-Stahl Ph.D., its secretary is Sándor Csányi.
- The Section of Colour Dynamics of the Scientific Society for Building has re-elected Antal Nemcsics as chairman, and Árpád Szende as secretary.
- Pál Michelberger, member of the advisory board of the International Colour and Light Foundation, was elected vice-president of the Hungarian Academy of Sciences.
- The Coloristic Section organized a Coloristic Symposium in Tata. Reports were concerned with colour prescriptions, colour appearance, colorimetry and environment colour design. The attendants numbered 72.
- 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 environment colour design in the Gallery of Győr (Hungary).
- Those graduated from the Post-Graduate course of Colour Expertize and Colour Dynamics Specialist Engineering at the Technical University of Budapest numbered 11.

- A new post-graduate section in Specialist Engineering of Colour Expertise and Colour Dynamics has been launched at the Technical University of Budapest.
- Managed by the International Colour and Light Foundation, six special engineering degrees in colour dynamics underwent international authentication. attestants were: Prof. Mitsuo Ikeda (Japan), Prof. Lucia R. Ronchi (Italy), Prof. Klaus Palm (Germany) and Prof. Antal Nemcsics (Hungary).
- Education in colour dynamics was given 250 regular students of architecture at the Technical University of Budapest.
- A professional discussion was organized by the Committee for 15 specialists intending to participate at the 8th ICI Congress in Kyoto. In final account, three specialists went to Kyoto.
- Education of the Coloroid colour system has been introduced at Teachers' Training Colleges of Budapest, Szeged, Pécs, Eger, Győr, Szombathely.
- At his completion of 70 years, Antal Nemcsics, chairman of the Committee, was honoured for his scientific, artistic and educational activities with the Cross of the Order of Merit of the Hungarian State. He was elected freeman of his domicile, the XVIIIth district of Budapest.

Budapest, 30. 11. 1997.



Inter-Society Color Council

2001 AIC Congress in Rochester, New York

The Inter-Society Color Council, the largest single member-body of AIC, is proud to announce that the AIC Congress in the year 2001 will be held in Rochester, New York. The dates will be from Sunday, June 24th to Friday June 29th in the year 2001. Rochester, New York was selected as an optimum Congress site, since it is a technological center for such large companies concerned with color as Eastman Kodak Company, the Imaging Company and Xerox, the Document Company, as well as such well-respected universities as the University of Rochester with its Center for Visual Science, and Rochester Institute of Technology with its Center for Imaging Science.

Location and Facilities

The meeting will be held at the:

Rochester Riverside Convention Center
123 East Main St.
Rochester, New York 14604
Tel: 716-232-7200
FAX: 716-232-1510

The Rochester Riverside Convention Center is conveniently located in the heart of downtown Rochester. This facility offers 100,000 square feet of flexible exhibit and meeting room facilities. Total seating capacity is 5,000 and banquet facilities accommodate up to 3,500 people. Riverside Production Company's state-of-the-art presentation, entertainment, and multimedia capabilities make it the best conference location in Rochester. Thus this facility is more than adequate for our meeting.

Two hotels, the Hyatt Regency and Four Points Sheraton, offer direct walkways to the Convention Center. A third hotel, Crowne Plaza, is located a mere one and a half blocks from the Convention Center. We have been promised excellent rates for the year 2001 that go from a minimum of \$100 to a maximum of \$125 per night for a single room. Dormitory housing on the campus of the Rochester Institute of Technology will also be available with daily shuttle service to the Convention Center.

The Greater Rochester International Airport is serviced by USAir, American, Continental, Delta, and United Airlines making it accessible from any US city. International visitors can fly into Boston, Newark, LaGuardia, JFK, Detroit, Chicago, or Washington Dulles airports and then have only one direct flight into Rochester.

The summer climate in upstate New York is generally good, without the oppressive heat and humidity of locations farther south and so far virtually no industrial smog. We are in the heart of a large recreational area, ranging from outdoor sports such as swimming, hiking, boating, fishing and the like to many summer music and theater programs. New York State wine valley is also very close by. Many historical areas, including Niagara Falls, one of the seven wonders of the world, are close by, and we could put together a fine selection of day tours and a ladies' program.

Steering Committee

The members of the Steering Committee that will organize AIC 2001 are as follows:

Paula J. Alessi (pjalessi@kodak.com)	Overall Chair
Roy Berns (rsbpph@rit.edu)	Chair of Fund-raising Committee
Geoff Woolfe (woolfe@image.kodak.com)	Chair of Finance Committee
Kevin McGuire (kevligh@soluxlti.com)	Exhibition Committee Chair
David Wyble (drwpci@cis.rit.edu)	Publicity Committee Chair
Robert Chung (rycppr@rit.edu)	Publications Committee Chair
Cathy Daniels (daniels@image.kodak.com)	Social Program Committee Chair
Mark Fairchild (mdf@cis.rit.edu)	Liaison to ISCC Board
Colleen DeSimone (cmd9553@rit.edu)	Meeting Registration & Dormitory Housing Chair
Karen Braun kbraun@wrc.xerox.com	Logo/Poster Design Committee Chair

The Technical Program Committee is currently being staffed and a Chair has not yet been selected.

Representatives from AIC member countries will be invited to serve on an International Advisory Committee.

Greater Rochester Visitors Association, Inc.

The Greater Rochester Visitors Association, Inc. is an independent not-for-profit civic corporation founded in 1932. The Steering Committee is fortunate to have the help of this organization for assistance with such Congress preparations as: travel arrangements, lunches, breaks, and banquets, hotel reservations, restaurant suggestions, day tours, ladies' programs, translation services, meeting room arrangements etc.

AIC 2001 Details

For inquiries regarding any aspect of AIC 2001, please feel free to contact any Steering Committee member.

Respectfully Submitted,



Paula J. Alessi, AIC 2001 Steering Committee Chair
Eastman Kodak Company
1700 Dewey Avenue
Rochester, New York 14650-1907
Tel: 716-477-7673
FAX: 716-722-1116

Inter-Society Color Council

NEWS RELEASE

May 5, 1997

Laidlaw Selected to Receive ISCC Nickerson Service Award

It is with great pleasure that the Inter-Society Color Council (ISCC) announces the selection of Ann Campbell Laidlaw to receive its Nickerson Service Award. The award will be presented during the ISCC's Annual Meeting to be held at Marriott Inner Harbor in Baltimore, Maryland on September 14-17, 1997. The presentation will take place at the business meeting on Monday, September 15.

The ISCC Nickerson Service Award was established in 1980 to recognize outstanding long-term contributions toward the advancement of the ISCC and its aims and purposes. The contributions may be in the form of organizational, clerical, technical, or other services that benefit the ISCC and its members. The Award is named to honor the late Dorothy M. Nickerson, a founding member of the ISCC, its Secretary from 1938 to 1950, and its President from 1954 to 1956.

Ms. Laidlaw, the Manager of Applications at SheLyn, Inc. in Greensboro, North Carolina, becomes the eleventh recipient of the Nickerson Service Award. She has served on the ISCC's Board of Directors, was the Membership Chairman from 1990 through 1995, and chaired the 1995 Annual Meeting in Greensboro, North Carolina. Ms. Laidlaw has been an invaluable resource in setting up the ISCC's new office in Reston, Virginia.

Ms. Laidlaw received her B.S. in Textile Science from the University of California, Davis, and her M.S. in Textile Chemistry from Clemson University. She serves as a delegate to the ISCC from the American Association of Textile Chemists and Colorists and as chair of their RA 36 Committee on Color Measurement. Ms. Laidlaw is also a member of the Council for Optical Radiation Measurements.

Prior to joining SheLyn, Ms. Laidlaw worked in the Color Science Laboratory of Burlington Industries. Her interests in color include video color rendition, spectrophotometry, color difference measurement and instrumentation including calibration issues, textile measurement and formulation.

NEWS FROM THE SPANISH COLOUR COMMITTEE

The IVth National Conference on Colour has been held this year from four to 6 June. The meeting took place in Jarandilla de la Vera, a nice village in the mountains, in the region of Extremadura. More than 140 people attended the meeting and more than 100 communications between oral presentations and posters were admitted. These numbers represent a new record of attendance and participation, and hopefully a long life is foreseen for this meeting.

Communications on Colour Vision, Applied and Basic Colorimetry, Colour in fine Arts, Architecture and Restoration, Colour Analysis in Food, Colour in Industrial Applications, Teaching Colour, The Role of Colour in School Education, covered the three-days programme. Six invited speakers gave their conference on the previous subject: Prof. Giovannoni, from Italy, on some aspects of chromatic restoration, Mr. Ramón Arcos, from industry, on colour control in manufactured food and its relation to quality control, Prof. Hita, from the University of Granada, on how to teach colour from primary school to university, Mrs. Hernández, from regional Administration, about the importance of colour in the foods, Prof. Casas about the implications of colour in education, and Prof. Márquez, from the University of Sevilla, about the importance of making experiment in the class room for understanding colour.

Besides the meeting, the Colour Spanish Committee held its annual general assembly at that time. The presidential period expired this year, so our vice-president took over the presidential chair and a new vice-president was elected. The new president proposed the continuity of the secretary and it was accepted by the assembly. The new board is formed by:

President: Dr. Luis Jiménez del Barco, from the University of Granada.

Vice-president: Dr. Ignacio Negueruela, from the University of Zaragoza.

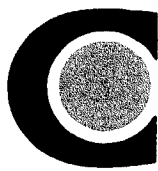
Secretary: Dr. Joaquín Campos, from the National Research Council (CSIC).

As agreed on the assembly, the Vth Conference will be held in Tarrasa, at the Politechnical University of Cataluña.

The new president encouraged all members to continue working for the Committee, so that the Colour continues growing in our country.

We would like to thank Dr José M^a Artigas, former president, for his work on the presidential chair during the last three years.

We also would like to take this opportunity to thank all national delegates on the last AIC meeting, held in Japan, that supported the nomination of Dr. Javier Romero, from Spain, to the AIC Committee Board.



Stiftelsen Svenskt Färgcentrum Swedish Colour Centre Foundation

Igeldammsgatan 30 • PoBox 49022 S-100 28 Stockholm Sweden
Tel. 08-617 47 00 • Telefax 08-617 47 47

Stockholm December 11, 1997

AIC Award for Swedish colour research!

At AIC Color 97 in Kyoto, Japan, the three Swedish colour researchers Dr. Anders Hård, Ass. Professor Lars Sivik and Ass. Professor Gunnar Tonnquist received the world's foremost distinction in the field of colour - the AIC Judd Award.

The three researchers received the award for their many years of research, under the leadership of the originator Dr. Anders Hård, that culminated in the Natural Color System of colour notations. Their work created the conditions for the ensuing applied colour research work. Using the NCS as a base, it is possible to document, analyse and describe colours and the perception of colours, and the NCS is now used to a growing extent as a reference system for research into colour.

Most of the international colour research is focused on technology and production. A research tradition based on visual colour perception has been established in Sweden for decades. The Swedish research trio has continued to work on this phenomenological orientation of their work in order to determine how we can organize our colour perceptions. This approach has long been met with strong resistance, but their interdisciplinary work has now gained international acknowledgement.

The NCS was introduced in 1979 as a Swedish Standard and is now also national standard in Norway and Spain. It is used today in colour research and education and by architects, designers and leading paint manufacturers and other industrial manufacturers throughout Europe and beyond - in the USA, Japan, Australia, New Zealand, Korea and Saudi Arabia. There are companies in over 40 countries that use NCS under licence.

The award given by the AIC to the researchers behind the NCS is a confirmation of the scientific importance of Swedish colour research. Prof. Lars Sivik received The AIC Judd Award from the hand of Prof. R.W.G. Hunt at the AIC Banquet where Prof. Sivik represented the three Swedish colour researchers.

Colour Day in Stockholm

The Swedish Colour Centre Foundation and SCI arranged the annual "Colour Day" on May 13, 1997, in Stockholm. This year's colour day started with the colours of liturgi and how these colours effect our lives. It also dealt with colour trends and how important these are when chosing different colours and also which colours we choose and why.

Other questions; why do we need colour standards and what about paint material of today? The day ended with white as a colour which is timeless. We also had an invited speaker, Harold Linton, professor of Architecture at the College of architecture and Design at Lawrence Technological University, Southfield, Michigan in USA. He has written the book "Color forecasting", a survey of international color marketing.

AIC'96 Colour and Psychology

An anthology edited by Prof. Sivik with a selection of proceedings from AIC Interim Meeting 96 in Gothenburg is now available from the Swedish Colour Centre Foundation. The anthology contains a broad array of essays by authors from different countries and various professional fields where colour psychology is a relevant issue. The anthology contains 244 pages.

Berit Bergström
Secretary, The Swedish Colour Centre Foundation



Colour between Art and Science

Organizing Committee:

Conference President: Mr. Dag Hofseth, Dean
Administration Leader: Mr. Erik Wessel, Associate Professor
Leader Programme Committee: Mr. Hilmar Fredriksen, Professor
Institute Leader: Ms. Helen Simonsen
AIC representative: Mr. Harald M. Anthonen, Senior Lecturer
Ms. Gerd Tinglum, Professor
Mr. Torger Holtmark, Professor
Mr. Steinar Elstrøm, Senior Lecturer
Ms. Yngvil Teigen, Senior Lecturer
Ms. Ane Forsmo, Conference Secretary

Oslo, December 1997

Oslo International Colour Conference, *Colour between Art and Science*. The conference is organized by The Institute of Colour at The National College of Art and Design, Oslo. The conference is endorsed by The International Colour Association, AIC and arranged in cooperation with Norsk Fargeforum, AIC - Norway.

The conference will focus on the role of colour in the arts and sciences, and how different disciplines can shed light upon colour in the polarities and intercourse between them. Due to the subjectivity of chromatic response, the emphasis throughout the conference will be on what colour as a source of response offers to aesthetic and scientific practice.

Our aim is to bring to light the status of colour in our times. We are therefore inviting artists and scientists representing different attitudes towards the phenomenon of colour. We believe that this will stimulate discussion and provide groundwork for future exploration.

Simultaneously a comprehensive catalogue will be published, in which all the participants will be presented. The catalogue will consist of essays, articles, contributions to the conference and a catalogue section from the exhibitions. The main museums and galleries in the center of Oslo are preparing exhibitions related to *Colour between Art and Science*. During the Conference, *Ultima*, our leading contemporary music festival, will focus on colour in music. Colour in filmmaking will be featured at *The Film House*.

We regard the conference, *Colour between Art and Science* as a valuable project of cultural exchange. It will be the major cultural event in the city of Oslo from 8 - 11 October 1998. The conference will take place at the Radison-SAS Scandinavia Hotel, centrally located in Oslo, - and within walking distance of the main museums, galleries and other sites of interest. We will make sure that our participants experience conveniency during their stay with us.

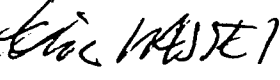
For further information please fill in the reply coupon in First Announcement or contact Conference Secretary Ms. Ane Forsmo or Adm. Leader Mr. Erik Wessel.

We hereby wish you welcome to *Colour between Art and Science*!


Institute of Colour



Helen Simonsen
Institute Leader



Erik Wessel
Adm. Leader



Harald M. Anthonen
President AIC, Norway

AIC 1998

INTERNATIONAL COLOUR CONFERENCE IN OSLO

The International Colour Conference, Oslo – *Colour between Art and Science*, October 8-11 th, 1998, is organized by the Institute of Colour at the National College of Art and Design, Oslo, in cooperation with Norsk Fargeforum, AIC – Norway. The AIC Executive Committee will have their interim meeting in Oslo during the conference.

The main museums and galleries in the center of Oslo are preparing exhibitions related to *Colour between Art and Science*. During the Conference, Ultima, our leading contemporary music festival, will focus on colour in music. Colour in filmmaking will be featured at *The Film House*.

The conference will focus on the role of colour in the arts and sciences, and how different disciplines can shed light upon colour in the polarities and intercourse between them. Due to the subjectivity of chromatic response, the emphasis throughout the conference will be on what colour as a source of response offers to aesthetic and scientific practice.

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The conference will take place at the Radisson-SAS Scandinavia Hotel, centrally located in Oslo, and within walking distance of the main museums, galleries and other sites of interest.



Harald M. Anthonsen
President, AIC - Norway

NORSK FARVEFORUM

NORSK FARVEFORUM (NF) is a society of people who, whatever occupation, are especially interested in colour, including all aspects.

The societies goal is to give the members possibilities to exchange ideas, experiences and views regarding colour, independent of occupation. NF works for a higher understanding of colour in the society, because of its increasingly importance, among others through industry, art and science. The society seeks to promote the interests of research and teaching in the field. The society is a member of the international organisation AIC.

Each year NF arranges a *Colourday* where invited lecturers elucidate one or more actual aspects or themes. The *Colourday 1998* will be held in april. NF has, in addition to the yearly arragement, regularly meetings with lectures or excursions; the last one was at the Nathional Theatre and its sceneroom.

NF has 263 members as per December 1997.

The members of the board are:

Lecturer Harald M. Anthonsen (chairman) – SHKS

Editor Øistein Lie (secretary) – Fargemagasinet

Pedagogue Reidun Grude Anthonsen (treasurer)

Ph.D. Arne Valberg – Universtity of Trondheim

Works manager Erik Haugen – The National Theatre

Architect MNAL NPA Jack C. Evrin





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SLOVENE CENTRE FOR COLOUR

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The Slovenian Center for colour and Slovenian Colourists Association are organizing the

5th International Symposium

COLOUR AND COLORIMETRY

from 10th to 12th September 1998 in Slovenia.

We kindly ask you to inform your members about the event and encourage them to actively participate at the conference.

Your sincerely

Prof.Dr. Slava JELER
Symposium Chairman



CIE Expert Symposium '97

The CIE held their 2nd Colour Expert Symposium on Colour Standards for Imaging Technology on November 21-22, 1997 at The Radisson Resort in Scottsdale, Arizona. Once again, it was a very successful and well-attended symposium. Five major topics were featured: Committee Reports, Metrology, Viewing Conditions, Standard RGB Colour Spaces, and Colour Appearance Models. In the Committee Reports section, summaries were given of CIE Division 1, Vision and Colour and Division 2, Physical Measurement of Light and Radiation, IEC TC100 standardization efforts in the area of colour measurement and management for multimedia systems and equipment, International Colour Consortium (ICC) progress, and ISO TC130 colour activities for the graphic arts. In the Metrology section, papers were presented on the colorimetry of visual displays (i. e. CIE TC 2-42 activities), bi-directional reflectance distribution measurements on flat panel displays, use of interference filters to assess colour measurement systems, the digital to radiometric transfer function for CRTs, and an improved method for CRT characterization accounting for channel interdependence. In the Viewing Conditions section, papers were presented on viewing conditions for the assessment of prints and transparencies (i.e. revision of ISO 3664), geometric tolerances for colorimetry from CIE TC 2-39, and practical daylight sources for colorimetry from CIE TC1-44. In the Standard RGB Colour Space section, one paper was presented on a case study for standardization of RGB. The Colour Appearance Models section featured papers around the topic of CIECAM97s, which is the new colour appearance model that was introduced to the colour science community by CIE TC1-34 at the AIC Colour '97 Kyoto meeting. There were lively discussion sessions following paper presentations in each topic area.

The most important action item resulting from this 2nd CIE Colour Expert Symposium was for the CIE to consider becoming the umbrella organization for parallel efforts around the world to set colour standards for imaging technology. It is not yet clear how the CIE will respond to this action item, but solutions are being actively pursued.

Proceedings from the 2nd CIE Colour Expert Symposium, including descriptions of all discussion sessions, will soon be available through the CIE Central Bureau (ciecb@ping.at or <http://www.cie.co.at/cie/home/html>).

Note: The next CIE Division 1 Meeting will be held in Baltimore, MD prior to the ISCC meeting (Oct. 2-4) 1998. The exact dates for the CIE Division 1 Meeting are September 28-30, 1998. For inquiries, please contact Paula J. Alessi.

Respectfully Submitted,

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

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The Study Group on Visual Illusions and Effects, chaired by Prof. Osvaldo da Pos, held his plenary meeting at the Kyoto AIC 97 Conference on Friday 30th May 1997. A short summary of the work performed by the study group was presented and here summarized.

A rich bibliography of classical books dealing with visual illusions has been provided by Roy Osborne, and comprises relevant writings published in four centuries, from the 16th to the 20th century.

An annotated bibliography of 24 books in which visual illusions are widely treated, covering the first part of this century up to 1975, has been prepared by the members of the study group. The main illusions reported in each book and their theoretical frame of reference have been presented and commented in this annotated bibliography.

Since the beginning of the Study Group activity, a number of sub-groups has been established to report on particular fields in which visual illusions have practical applications. Four reports have been prepared: 1) Holography; 2) From the camera obscura to colour photography; 3) Stained glasses; 4) From abstract art to op-art. The preliminary reports, with the compiled and annotated bibliography, have been distributed to all members and interested people in a PC diskette last year, and a number of comments have been already collected. The final revision of these four reports is in progress.

Prof. Osvaldo da Pos, as chairman of the Study Group, after collecting the ideas of the members and other researchers on visual illusions and effects, worked at a theoretical paper about illusions as appearance, and presented the problems related to a definition of illusion in a lecture given at the AIC Interim Meeting in Goteborg last year 1996.

With the help of some members of the study group, and the cooperation of Dr. E. Zambianchi, the chairman Osvaldo da Pos published a bilingual Italian-English book in which a rather comprehensive collection of illusions has been displayed. For each illusion a record has been created with a short description and some illustrations (where possible) of the illusion, followed by the original bibliography and some more recent references. A general list of 676 Bibliographical References, an Author Index, and a Subject Index complete the volume (da Pos O., Zambianchi E., *Illusioni ed effetti visivi. Una raccolta Visual illusions and effects. A collection.* Guerini Studio, Milano, 1996 ISBN 88-7802-693X).

Three more reports are being completed: 1) illusions and architecture, by Prof. Arch. Giovanni Brino. Many different meanings and examples of illusions in architecture are being collected, and a short report has already been presented at the AIC Interim Meeting in Göteborg last year. 2) a review on phenomenal transparency is being prepared by O. da Pos. The subject is largely studied from many different points of view, and the concept itself of transparency seems to be used for rather different perceptual effects: a review in this field is therefore needed. 3) a history of Photography, especially focused on colour photography, by S. Coonan, an expert in this field.

After the introduction by the chairman, Prof. Katsuaki Sakata presented a new sub-group which will be chaired by himself, focused on the problem of Psychophysics and Psychometry in the study of visual illusions". This sub group will investigate differences between psychophysical measurement (in which psychological variables are explained by physical variables) and psychometrical measurement (in which some psychological variables are explained by other psychological variables). The purpose of this subgroup is not to decide which is better or worse, but to examine which is suitable to some particular purpose. Those who have an interest in this topic may join this subgroup and they will compare the data yielded by these two measurement ways.

To promote a general discussion O. da Pos showed a couple of illusory effects dealing with phenomenal transparency. In one case the transparency effect was quite evident but both the colours of the transparent object and of the background could not be seen in the superimposition area (from Metzger, 1956). An animated debate then arose among the participants, which might be summarized as follows (many contributions have been offered by the participants, to whom we are greatly thankful, but not all the contributions are here fully referenced).

We need a good and generally accepted definition of visual illusions (a), an explicitly determined method for studying them (b), and a well outlined goal to be reached by the study group (c) (Goto). About the definition of illusions, a number of argmentations have been proposed: the relationships between physical and phenomenological world should be made clear, trying to solve the problem whether illusions are perceptual malfunctions (Logvinenko) or normal ways of functioning (Pokorny). Moreover, often illusions are coupled with pictorial displays, i.e. they appear in an artificial environment (Caivano): what might be the meaning of 'natural perception', or perception in a natural environment (Yendrikhovskij).

About the method of studying illusions, it has been suggested that the effort should be addressed to individualise what makes them stronger, more evident, and also to identify the best way of measuring the strength of the illusions. In any case, the work of the new subgroup will be greatly appreciated as far as it will discriminate and compare psychophysical measurements (focused on physics dimensions) and psychometric measurements (focused on phenomenological dimensions) as tools for interpreting our perceptual functioning and the consequent illusory effects.

The final goal of the study group, as it appears at this stage of work, could be a more complete classification of visual illusions, especially those associated with colour perception, including the details regarding the most efficient way of measuring them.

Finally, a proposal of establishing a Web Site in which the general discussion might go on and the results of the study group could be displayed has been discussed: this Web Site could be extremely useful to collect and compare the ideas of most researchers having scientific interest in visual illusions. The chairman will study the best way of realizing the presence of the study group in Internet, and will check the possibility of doing this at his Department of General Psychology in Padua (Italy).

Oswaldo da Pos

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