



REPORT

1993

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President's Report to Meeting of AIC Delegates, 1993-06-16

A.R.Robertson

The Executive Committee has met four times since the last Meeting of Delegates, which was held in Buenos Aires in 1989, and has also conducted numerous items of business by mail. This report will be restricted to activities of the past year that are not the subject of separate items on today's agenda.

I will start by reporting on the current Congress and thanking our Hungarian hosts for their very hard work to make it a success. We have a total of about 240 participants from 32 different countries including 11 countries that are not yet Members of the AIC.

I am pleased to report that during the past year, Bulgaria and Slovenia have been admitted as new Members, bringing the total number of Members to 23, 21 of whom are represented at this Congress. We have also had enquiries from several other countries and I am hopeful that our numbers will soon increase even more. A Member must be a national organization whose aims correspond to those of the AIC and must be broadly representative of those people in its country interested in those aims. If no single organization exists, a national committee may be set up to represent various organizations and apply for membership.

The AIC currently has three Study Groups, but only one has been active recently. While the Executive Committee is strongly in favour of Study Groups and believes they can be very useful, it does not wish to prolong the existence of inactive Groups. Consequently, we are developing guidelines that will include at least three requirements: that Study Groups have clear terms of reference and working programs; that they have an active Chairman; and that they produce an annual report for the AIC Newsletter.

Your Executive Committee has become concerned at the use of the terms "Colour '93", "Color '94" etc to denote conferences that are not endorsed by the AIC. While we have no copyright on the terms and cannot prevent their use by non-Members, we are proposing to tighten the Statutes so that the terms cannot be used by Members without the approval of the Executive Committee.

As this will be my last chance to address you as President, I would like to take the opportunity to thank the other Members of the Executive Committee for their invaluable assistance. Lucia Ronchi, Cees van Trigt, Paul Green-Armytage, Antal Nemcsics, Leo Oberascher and Allan Rodrigues have all contributed to making my four-year term a very great pleasure and I am grateful to all of them.



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

REPORT OF THE SECRETARY/TREASURER TO THE MEETING OF THE
EXECUTIVE COMMITTEE OF THE AIC, AND TO THE MEETING OF
DELEGATES, JUNE 1993

State of account in SF

Assets Jan 92	deposit	24144.62
	giro	4788

Total		28932.62
Interest from bank	837.55	
Subscriptions	1475	
Expenditures	-1891.05	

Net income	421.50	421.50

		29354.12
Assets Dec 31. 92	deposit	25247.32
	giro	4106.80

		29354.12

At its meeting in Sydney on June, 25, 1991 the E.C. decided to transfer the deposit, account nr. 10-105,000.1 to a Dutch bank. It is understood that a future treasurer is entitled to move the account to a bank convenient to him. The reasons are (1) the net result, interest-costs, offered by the Swiss Bank Corporation is unfavourable. (2) an account in Eindhoven lightens the administrative duties of the present treasurer.



International Color Association
Association Internationale de la Couleur
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Interest is paid in instalments of a half year (in January and July). The first amount was received in July 1992. In the future, this amount will be received twice a year. Attention should be called to the fact that income has appreciably exceeded expenditures during the past 26 years. Furthermore, we are reaching a situation where income from interest equals or exceeds income from subscriptions. AIC is a financially healthy organization but its objects are to encourage research in colour and to disseminate the knowledge gained from this research, not to become a rich organization. The secretary/treasurer suggests to take measures such that the income available in the future is used to foster the objects of the AIC, not to increase the funds.

Two countries are overdue in their payment of their annual subscription, Belgium and Canada. Belgium has promised to pay. Canada has reached the limit SF 500.

Eindhoven, April 26, 1993

A handwritten signature in black ink, appearing to read 'C. van Trigt', is written over the typed name.

Dr. C. van Trigt, secretary/treasurer

REPORT OF THE NEWSLETTER EDITOR

It became clear during the last four years that it is neither possible nor appropriate for this publication to be a newsletter in the generally accepted sense. Initially there were hopes that it could be a source of information about activities in different countries, but, with a few exceptions, this information was not forthcoming. Some member organisations did respond to the suggestion that each should send a copy of their national newsletter to the other members; it is hoped that this practice will continue and spread.

The last issue of the newsletter (April 1992) did not conform to the guidelines that had been proposed; some material was not available and other material from outside the guidelines that had been submitted was included. Such an ad hoc approach seemed a possibility for the future, but there was no response to the suggestion that the newsletter's role might be expanded, that it might become a forum for comment and debate.

At the meeting of the AIC Executive it was agreed that this publication should become, in effect, an annual report (emphasis on both words) - it should be a report from the executive to the members following the annual meeting. The new name and the contents of the present document reflect this decision. There is one exception. Apart from the announcement about next year's meeting in Cambridge, the only news received was that from the Grupo Argentino del Color. This is included in the spirit of the previous newsletter.

Paul Green-Armytage

AIC EXECUTIVE MEETING - June 12th-13th 1993

Summary:

Colour 97: Formal invitation from Japan was accepted. (Page 14)

Colour 93: Final arrangements were announced.

Reports: from President, Secretary/Treasurer and Newsletter Editor. (Pages 1, 2 and 4)

Future meetings: 1994 - Cambridge, England (page 13).
1995) - Under discussion with member
1996) organisations. No formal
invitations received to date.
1997 - Kyoto, Japan (page 14)

New AIC members: Bulgaria and Slovenia as of January 1993.

Mutual Associate membership: Proposal for an arrangement between AIC and IRGCVD with no exchange of membership fees. Both to publicise information about each other's activities. Presidents of member organisations to canvas opinion.

Judd - AIC Award: to be presented to Dr. Y. Nayatani at the meeting of delegates. Nominations for the next award to be requested. (page 12)

Study / Interest Groups: may receive a small budget for postage and other expenses. Groups to be required to have clear terms of reference, an active chair and to produce an annual report. (pages 22 - 32)

Other business: Executive Committee agreed that member organisations be required to restrict use of the name "Colour 93", "Color 94" etc. for AIC approved meetings only.

Questionnaires to be circulated at the end of meetings for feedback and suggestions (page 16)

Guidelines for conference organisations to be made available. Current guidelines are in this Report (pages 18 - 21). More comprehensive guidelines are in preparation.

MINUTES OF THE AIC GENERAL ASSEMBLY

June 16th 1993, Budapest

1. Roll call.
2. President's report. (Text on page 1)
3. Secretary/Treasurer's report. (Details on pages 2 and 3) This was presented together with the reports of the auditors and was approved. Attention was called to the fact that income exceeds expenditure and that this is an undesirable situation. Schanda and Froge proposed the creation of a special fund to help members from developing countries. Burton proposed that AIC should pay postage costs for study groups (as already decided by the Executive Committee). Terstiege remarked that a conference fee of \$350.00, which did not include the conference proceedings, was a large amount. In Berlin '81 the conference fee was \$200.00 and the invited speakers each received \$600.00. Nemcsics replied that the fees of some 50 people were waived and paid from the fees of others attending the congress.
4. Newsletter Editor's report. (Text on page 4) Hunt remarked that the AIC should publicise as much as possible its meetings and other activities. A problem is that the newsletter is received at a central point and is often kept there. Perhaps AIC information would be accepted for publication in *Color Research and Application*. Another suggestion was that the newsletter be mailed directly to people who had attended the two previous meetings.
5. Judd - AIC Award. This was presented to Dr. Y. Nayatani by the AIC president, Dr. A. Robertson. (Citation on pages 10 - 11)
6. Future meetings. *Colour 97* will be held in Kyoto, Japan. Interim meetings: 1994 in Cambridge, Great Britain. 1995 and 1996 are still open. (see pages 13 - 15)
7. Election of new Executive Committee. Proposal: President - Lucia Ronchi. Vice President - Mitsuo Ikeda. Secretary/Treasurer - Kees van Trigt. Members - Paula Alessi, Roy Osborne, Frank Rochow, Lars Sivik. The new Executive Committee was elected. There were no abstentions and one vote against (Bulgaria). This vote was subsequently changed to an abstention, the reason being that the proposal had not been received prior to the meeting.

The present auditors, J. Hutchings and J. Walraven, were reappointed. There were no votes against and one abstention (Great Britain), the reason being that J. Hutchings, representing Great Britain, did not wish to vote in favour of a proposal with respect to himself.
8. Other business. There being no other business the meeting was closed by the president.

Address to Opening Ceremony of 7th Congress of AIC, 1993-06-13

**A.R. Robertson
President**

As President of the International Colour Association, it is my pleasure to welcome you to our 7th Congress - Colour '93.

Previous Congresses have been held in Stockholm, Sweden in 1969; in York, England in 1973, in Troy, New York, United States in 1977; in Berlin, Germany in 1981; in Monaco, organised by the Centre Français de la Couleur in 1985; and in Buenos Aires, Argentina in 1989. We are very pleased this time to be here in Hungary and we look forward both to an interesting conference and to an enjoyable visit to the beautiful and interesting city of Budapest.

I would like to thank the Chairman of the Organizing Committee, Professor Antal Nemcsics, his Co-Chairman, Janos Schanda, and all their helpers who, I know, have been working very hard to make the Congress a huge success.

The AIC now has 23 Members, most of whom are represented here. In order to introduce you to everyone, I would like to ask the participants from each Member country to stand as I call your country's name:

Argentina
Australia
Austria
Belgium
Canada
China
France
Germany
Great Britain
Hungary
India
Italy
Japan
Netherlands
Norway
Poland
Spain
Sweden
Switzerland
South Africa
United States of America

and our two newest Members:

Bulgaria
Slovenia

We also have official Observers from 5 other countries:

Denmark
Greece
Panama
Singapore
Turkey

I would now like to ask participants from other countries who are not yet Members or Observers to stand and introduce themselves.

In addition to our Congresses, which are held every four years, we also hold Interim Meetings on special topics. For example in the last three years we have had a Meeting on Instrumentation for Colour Measurement hosted by the Deutscher Verband Farbe in Berlin in 1990, one on Colour and Light hosted by the Colour Society of Australia in Sydney in 1991, and one on Computer Color Formulation hosted by the Inter-Society Colour Council of the United States in Princeton, New Jersey in 1992. Next year the Colour Group of Great Britain and the Royal Photographic Society will jointly host an Interim Meeting on Images in Colour. Plans for Interim Meetings in 1995 and 1996 are not settled yet and I would be pleased, this week, to discuss any suggestions or invitations from Member countries for these two years.

A very important future event is the next Congress. I am pleased to confirm that the Executive Committee has accepted an invitation from the Color Science Association of Japan to hold the 8th Congress of the AIC in Kyoto from 26 to 30 May, 1997. You will hear more details and an official invitation from Mitsuo Ikeda on behalf of the CSAJ at the Meeting of Delegates on Wednesday morning.

Another significant event at the meeting on Wednesday will be the presentation of the 1993 Deane B. Judd - AIC Award to Dr. Yoshinobu Nayatani. I urge you all to attend the meeting. It is an open meeting and is not restricted to voting delegates. Please come in casual dress ready for the excursion that follows.

I do not want to keep you any longer, so it is now my very great pleasure to declare the 7th Congress of the International Colour Association officially open.

Deane B.Judd - AIC Award

The International Colour Association (AIC) is pleased to announce that the 1993 Deane B.Judd - AIC Medal has been awarded to Dr. Yoshinobu Nayatani of the Osaka Electro-Communication University in recognition of his work on colorimetry and color vision including many contributions to models of chromatic adaptation and color appearance.

The Award was established in 1975 to recognize work of international importance in the fields of colour perception, colour measurement, or colour technology and takes the form of a gold medal presented biennially. Previous recipients have been Dorothy Nickerson, David Wright, Gunter Wyszecki, Manfred Richter, Leo Hurvich and Dorothea Jameson, Robert Hunt, Tarow Indow, and Hans Vos and Pieter Walraven.

The 1993 Award was presented on 16 June 1993 at the AIC Meeting, Colour '93 in Budapest, Hungary.

Further information may be obtained from Dr. Alan Robertson, Institute for National Measurement Standards, National Research Council, Ottawa, Ontario, Canada K1A 0R6, telephone (613) 993-9347, fax (613) 952-1394.

Citation for 1993 Deane B. Judd - AIC Award

It gives me very great pleasure today to honour Dr. Yoshinobu Nayatani as the recipient of the 1993 Deane B. Judd - AIC Award. The Award was established by the International Colour Association (AIC) in 1975 in memory of the outstanding color scientist, Deane B. Judd to recognize work of international importance in the fields of color perception, color measurement or color technology. The Award takes the form of a gold medal bestowed biennially. Previous recipients of the Award have been Dorothy Nickerson, David Wright, Gunter Wyszecki, Manfred Richter, David MacAdam, Leo Hurvich and Dorothea Jameson, Robert Hunt, Tarow Indow, and, in 1991, Hans Vos and Pieter Walraven. I am very pleased that three of these past recipients are here today.

Prof. Yoshinobu Nayatani graduated from Osaka University in 1951 and continued his research work at the Electrotechnical Laboratory in Japan for about 30 years. He is now a professor at the Osaka Electro-Communication University.

His main interest is colorimetry and color vision. He studied the visual colorimetry of daylight and fluorescent lamps with Dr. Gunter Wyszecki as a post-doctorate researcher at the National Research Council of Canada from 1962 to 1964. He further studied the effect of color contrast, the perceived color of objects on various chromatic backgrounds, the color effect of color combinations, and the potentials evoked in human vision by various spectral stimuli.

More recently he has studied the assessment of sources simulating the CIE daylight illuminants and he helped to develop the CIE method which uses metameric pairs in the visible and the ultraviolet spectral ranges.

He has worked on the assessment of observer metamerism and proposed a method using a standard deviate observer derived from the color-matching functions measured by Stiles and Burch. He conducted a field trial by comparing the color matching results for metameric pairs by normal observers and again this was a major contribution to a CIE recommendation.

In chromatic adaptation Dr. Nayatani extended the classical von Kries chromatic-adaptation transformation to apply to chromatic-adaptation between illuminants with highly saturated colors and for brightness-adaptation between different illuminance levels. The extended model, a nonlinear chromatic-adaptation transform, predicts various adaptation effects very well.

His major current interest is the prediction of color appearance. He has extended his nonlinear chromatic-adaptation transform further to predict visual estimates of hue, lightness, chroma, brightness, colorfulness, whiteness and blackness of object colors under various adapting conditions and has used his model to analyze many published data on color appearance.

Dr. Nayatani was President of the Color Science Association of Japan from 1986 to 1988, and Vice President of the Illuminating Engineering Institute of Japan from 1989 to 1990. His works have been continuously reported at both CIE and AIC sessions and many papers have been published in JOSA and CRA in addition to numerous papers in Japanese journals.

Personally, I have known Dr. Nayatani for many years. In fact, I felt I knew him even before I met him, as I took over his old desk when I arrived at the National Research Council in Ottawa shortly after he left. I have always been impressed by his knowledge, by his hard work and dedication, and by the way he has been able to express himself clearly in English, which to him, of course, is a foreign language.

The Award itself consists of a gold medal with a portrait of Deane Judd on one side and, on the other side, the inscription "To honour Yoshinobu Nayatani, 1993, for important work in color science".

It is therefore a great honour and pleasure for me, on behalf of the AIC, to present the 1993 Deane B. Judd medal to Dr. Yoshinobu Nayatani and to say to him in his own language:

"Omedetoh gazaimasu"

**A.R. Robertson
16 June 1993**

JUDD - AIC AWARD Request for nominations

The text of the news release which announced the establishment of the Deane B. Judd - AIC Award in 1975 was as follows:

DEANE B. JUDD - AIC AWARD TO BE ESTABLISHED

To recognise work of international importance in the fields of color perception, color measurement, or color technology, a Deane B. Judd - AIC Award is announced. Funds have been provided by Mrs. Deane B. Judd to establish and administer this award in memory of her late husband. This will be done through the Munsell Color foundation, of which Dr. Judd was president 1942-1972. The present plan is for the award to take the form of a gold medal to be awarded biennially to a suitable candidate, the presentation to take place at a main quadrennial Congress of the Association Internationale de la Couleur and at a mid-term AIC conference, or, when no mid-term AIC conference is held, at some other suitable mid-term conference agreeable to the AIC Executive Committee.

The award will be made on the recommendation of a special Awards Committee to consist of, or be appointed by, the AIC Executive Committee. In the event of the AIC being unable to act for any reason, the trustees of the award fund may approach some other body of high scientific international standing in the color field to act in its place. If funds are available the trustees are empowered to assist the medallist with travelling expenses to the Congress or Conference to receive the award.

Previous recipients of the Award have been:

1975 Dorothy Nickerson
1977 W. David Wright
1979 Gunter Wysecki
1981 Manfred Richter
1983 David L. MacAdam
1985 Leo M. Hurvich and Dorothea Jameson
1989 Tarow Indow
1991 Hans Vos and Pieter Walraven
1993 Yoshinobu Nayatani

At its meeting in Budapest the Executive Committee of the AIC, acting as the Awards Committee, decided to solicit nominations from the member bodies of the AIC for the 1995 Award. Members are therefore invited to send nominations to:

Prof. Dr. Lucia R. Ronchi
Istituto Nazionale di Ottica
Largo Fermi 6
I-50125 Firenze
ITALY

Nominations should be accompanied by a supporting document of about one page that clearly summarises the merits and achievements of the nominee.



AIC 1994 INTERIM MEETING

The Colour Group (GB)

'IMAGES IN COLOUR'

A Symposium to be held at the University of Cambridge

10-12 April 1994

The Colour Group (Great Britain) announces a residential Symposium to be held at Robinson College, Cambridge from 10 to 12 April 1994. The Colour Group are organising the meeting on behalf of the International Colour Association and with the cooperation of the IS&T Group of The Royal Photographic Society.

The overall theme of the Symposium is Images in Colour which may be interpreted in its broadest sense to include photographic, graphic arts, television and visual display imaging technologies. Papers are invited that cover aspects of colour reproduction that, for example, describe methodologies, discuss measurement and present new ideas. The Symposium will incorporate the third Bartleson Lecture.

A title and short abstract (200 words) should be submitted as soon as possible. If accepted, authors will be asked to produce a short paper (1000 words + 3 Figures) for the Conference Proceedings.

In the event of too many papers being submitted an ad hoc papers committee will be convened to select those for presentation.

Abstracts or enquiries should be sent as soon as possible to:

Dr M R Pointer
Kodak Limited - Research Division
Headstone Drive
Harrow
Middlesex HA1 4TY
England

AIC'97
Invitation to Kyoto

The Color Science Association of Japan
The President Dr. Leo Mori
The Organizing Committee of AIC'97
The Chairman Prof. Mitsuo Ikeda

Period:

May 26 (Monday) – May 30 (Friday)

Season of Verdure, before the rainy season, nice and cool

**We avoided rainy season (June), humid and hot summer (July and August),
and typhoon season (September)**

Venue:

Kyoto International Conference Hall (KICH)

Takaraga-ike, Sakyo-ku, Kyoto 606

Tel 81(Japan) 75-791-3111 Fax 81(Japan) 75-711-1100

Room A, Room B-1, Room B-2 and other small rooms.

Exhibition Room

**Many international conferences are hold in KICH and they know everything
how to organize international conferences.**

Access:

(1) New Kansai Int'l Air Port (to be opened next year, and 24 hours operation)

Direct trains to Kyoto Station

(2) New Tokyo (Narita) Int'l Air Port

Trains or buses to Tokyo and Sinkan-sen (bullet train) to Kyoto

Participants:

From abroad 200 persons, Domestic 300 persons

Official Bureau:

JTB Communications Inc., Shimogyo-ku, Kyoto

Tel 81(Japan) 75-341-1618 Fax 81(Japan) 75-341-1917

Schedule from now:

- April 1994: Symbol mark and symbol color**
- July 1995: First Circular**
- Sept 1995: Provisional program, Invited papers**
- May 1996: Second Circular**
- Oct 1996: Dead line for Abstract**
- April 1997: Preliminary program**
- May 1997: AIC'97 Kyoto**
- Aug 1997: Proceedings**

Tentative Program:

- 25(Sun) Executive Committee**
 - Registration**
 - Welcome Party at Swan, KICH**
- 26(Mond) Registration**
 - Opening Ceremony Technical Sessions and Round Table Discussion**
- 27(Tues) Technical Sessions and Round Table Discussion**
- 28(Wed) One Day Excursions (Kyoto, Nara, Osaka or Kobe)**
- 29(Thurs) General Assembly, Technical Sessions and Poster Sessions**
 - Exhibition**
 - Banquet at Takaragaike Prince Hotel**
- 30(Fri) Technical Sessions**
 - Closing Ceremony**
 - Executive Committee**

Programs for accompanying persons are prepared everyday

QUESTIONNAIRE

Request for feedback and suggestions for:

AIC CONGRESSES AND AIC INTERIM MEETINGS

The guidelines for AIC Congresses and Interim Meetings appear elsewhere in this report. The AIC will welcome comments and suggestions.

Because space on questionnaires is notoriously either inadequate or wastefully generous replies will be welcomed on separate sheets. Please address the questions/issues/topics in the order as presented below. Please use the numbers. If you have no comment about a particular topic please just write the number followed by a space. Please leave a clear space to separate your comments/suggestions on each topic. Where comments relate to a specific Congress or Interim Meeting please indicate the venue and year. Please also indicate which Congresses and/or Interim Meetings you have attended.

1. **Format.** Duration. Timetable. Organisation of parallel sessions, poster sessions, round table discussions. Availability of time for meetings of study/interest groups and for informal discussion.
2. **Content.** Substance of presentations. Role of papers committee. Standard of presentations.
3. **Abstracts. Extended Abstracts. Complete papers.** What should be provided? At what stage - before, at or after the meeting? Could/should any of this material be an optional extra? (to reduce the cost of attending the meeting itself.)
4. **Social Programme.** Opening/closing ceremonies. Banquet(s). Visit(s). Pre/post meeting tours.
5. **Venue.** Lecture hall(s). Display area. Meeting places. Transport. Refreshment facilities.
6. **Administration.** Registration. Accommodation arrangements. Technical support. Security.
7. **Cost structure.** What should be included in the registration fee? Possibility of partial registration (e.g. for one day only) Options that need not be included in the fee (banquet, visits etc.) Value for money?

8. **Sponsorship.** Acknowledgment of sponsors. Opportunities for sponsors to promote their goods and services.
9. **Topics.** Different interests adequately served? Requests for topics at future Interim Meetings.
10. **Other matters.** Any other comments or suggestions.

Please send your replies to:

Prof. Dr. Lucia R. Ronchi
Istituto Nazionale di Ottica
Largo Fermi 6
I-50125 Firenze
Italy

GUIDELINES FOR AIC CONGRESSES

1. **The Congress.** The use of the AIC name in association with a Congress is only allowed by the AIC after authorisation by its Executive Committee. (See "Guidelines for the use of the AIC name and symbol" approved by the Executive Committee, 31st October 1977.) AIC Congresses must not conflict with any part of the AIC Statutes. The AIC Congress attempts to cover all aspects of interest to the AIC and is normally held every four years. The selection of the venue is the responsibility of the Executive Committee, who will ensure as far as possible that different member bodies have the opportunity of hosting the Congress.
2. **Date and Organisation.** The exact dates are determined in consultation with the Executive Committee, but the detailed arrangements are the responsibility of the organising member body. The organising body will keep the Executive Committee fully informed of the planning, progress and budget of the Congress.
3. **Scope of the Congress.** Congresses should be truly international events and invitations to attend and contribute papers should be sent to all AIC Members and Observers. Not more than half of the papers should come from any one country.
4. **Accommodation.** Provision of good lecture theatres with visual aid and audio equipment is essential and adequate facilities should be provided for the display of posters. A large sitting/coffee bar area should be provided to allow the maximum amount of informal discussion to take place.
5. **Presentations.** Authors must be encouraged to prepare their visual aids carefully. Transparencies and overhead acetates must be designed clearly so that they can be seen and understood from the back of a large lecture theatre. Suggestions for the preparation of transparencies can be found in the Appendix to these Guidelines. Similarly, posters should be designed and clearly laid out so that they can be read from a distance of at least two metres.
6. **Official Languages.** The official languages of the AIC are English, French and German. To promote the maximum exchange of information, authors should be encouraged to present their papers in the English language.
7. **Translation.** Simultaneous translation is expensive and an alternative might be an extended summary given by the author in the English language. Some form of translation is desirable for invited papers; this might be done by slide projection of key points.

8. **Selection of Papers.** Careful consideration should be given to the selection and grouping of papers and posters. Originality is an important aspect of presentations although other types of contribution might be invited. To help the papers committee, authors might be asked to choose to which topic group their paper belongs.

Invited papers should normally be general reviews, understandable by non-specialists in the topic. Contributions should present original results of scientific investigations and artistic or design solutions.

9. **Conference Timing.** Parallel sessions will probably be unavoidable, but invited papers should not be held parallel with other invited papers or contributed papers. Paper sessions, round table sessions, poster presentations and study groups on similar topics should not be held at the same time. If possible, posters should be on view for a period of at least two days. Session chairmen and speakers should be firmly instructed to adhere strictly to the timetable to enable participants to organise their time efficiently and move from session to session. When possible, timing should be allowed for adequate discussion to take place after each presentation or group of presentations.
10. **Abstracts and Proceedings.** Abstracts of 50 - 80 words should be provided at least in the English language and given to participants before the start of the Congress. The extended abstracts (approximately 1000 words) and invited full papers must be published in the original language with summaries in the other two languages. Posters and papers should be given the same emphasis. It is important that the price of the proceedings should be included in the Congress fee, and that the final version is sent to participants within four months of the end of the Congress. (See "Guidelines for the publication of AIC Proceedings" approved by the Executive Committee 9th September 1975.)
11. **Costs of attending the Congress.** Many potential participants at international conferences have to work to a strict budget, and it would be in their interest if the Congress charges are kept to a minimum. The organising body should consider whether any of the costlier Congress activities could be optional.
12. **Final Report.** The organising national member body should send to the Executive Committee within six months of the end of the Congress, a formal report on attendance, scientific content and other matters of interest.

Appendix

Preparation of transparencies. All transparencies should have their largest dimension horizontal. To prepare a transparency you may start with an ordinary sheet of paper. Mark on it an 18cm x 27cm area which will be the surface to be photographed with a camera having an appropriate lens. Leave a margin of 2cm on each side in order to obtain a 14cm x 23cm area which will contain all the information to be photographed.

It is better to use characters or signs such as LETRASET, approximately 8mm high, and to place no more than 20 words on each slide. If this number is smaller the type size can be increased.

Do not take pictures from an ordinary typewritten page or from a low contrast document.

Prepare several slides of the same subject while modifying the exposure time; for instance one shot at the estimated exposure, one with one aperture stop over and one with one aperture stop under. Use the picture which has the most contrast.

Exposure time can be evaluated by replacing the document to be reproduced with a neutral grey board having a reflectance of 18%. If white paper is used, open the camera lens two aperture stops starting from the estimated exposure time.

All slides should be labelled with the author's name and the date of the lecture.

GUIDELINES FOR AIC INTERIM MEETINGS

1. The use of the AIC's name in association with a meeting is only allowed by the AIC after authorisation by its Executive Committee.
2. AIC Interim Meetings must not conflict with any part of the AIC Statutes.
3. AIC Interim Meetings must not take place in the same calendar year as an AIC Congress and must be separated from the nearest AIC Congress by at least six months, the exact date being determined in consultation with the Executive Committee.
4. The scope of Interim Meetings should be confined to a particular section of the AIC field of interests, unlike congresses which attempt to cover all of them. The scope of an Interim Meeting should be determined in consultation with the Executive Committee, but the detailed arrangements of the meeting are the responsibility of the organising national member body, within the provision of these Guidelines.
5. There should be no parallel sessions at Interim Meetings. Parallel sessions are usually unavoidable at Congresses, but the limited scope of Interim Meetings should make them unnecessary.
6. Interim Meetings, like Congresses, should be truly international events. Invitation to attend and to contribute papers should be sent to all AIC members and observers. Less than half of the papers should normally come from authors from the country in which the Interim Meeting is being held.
7. The official languages of the AIC are English, French and German, and these are therefore all permissible at Interim Meetings. However, good discussions are usually aided by the use of only one language, and extensive use of only one of the three languages is appropriate for Interim Meetings; the choice of which language is used extensively is the responsibility of the organising national member body. Simultaneous translation of technical papers is usually very expensive and not very effective.
8. The organising national member body should send to the Executive Committee within six months of the end of the Interim Meeting a formal report of attendance, scientific content, and other matters of interest.

Date 16 June 1993

To The AIC Executive Committee

From Fred W. Billmeyer, Jr.

Re Proposal to Reactivate the AIC Study Group on Color Order Systems

At the end of the Round Table Discussion on Color Order Systems, 14 June, about 60 participants met under my chairmanship to consider the need for reactivating the AIC Study Group on Color Order Systems.

The consensus of those present was expressed by Dr. K. Witt, who stated that the round table just completed plus the papers on color order systems traditionally presented at AIC Conferences should suffice for the immediate future.

The Chairman recalled that he chaired the Study Group some years ago to achieve a specific objective, the preparation of an Annotated Bibliography on Color Order Systems. He asked those present if any could identify a similar objective now, but there was no reply.

Dr. J. Schanda noted that if minor tasks arose, such as bringing the Annotated Bibliography up to date or looking into the terminology of color order systems, the appointment of a Reporter as is done in the CIE might suffice.

In summary, no support was found for reactivating the AIC Study Group on Color Order Systems at this time.

(Signed)

F.W. Billmeyer, Jr.

AIC STUDY GROUP - COLOUR EDUCATION

No reports from this Study Group have been received by the current Executive Committee.

On the assumption that this Group had become inactive, and with no-one present at the Congress in Budapest to chair the meeting scheduled for Monday June 16th, that meeting was cancelled.

Following the disappointment of delegates expressed at the AIC General Assembly, a new meeting was scheduled. Eric Melse volunteered to chair the meeting. This duly took place and was well attended. It was proposed that the Study Group be reactivated. Eric Melse's report follows:

NOTES

AIC Study Group - Colour Education

Meeting chaired by Drs E. Melse MBA

Introduction

Following are the notes of the unscheduled meeting held after the AIC Budapest Conference of 1993 was formally closed. About 40 people attended this meeting. These notes are a list of comments set down in the order in which they were made. They reflect the exchange of ideas that resulted in a proposal to continue the study group. An interim chair was elected and arrangements made for further actions.

Minutes

- Proposal on scale of colour education for young children up to adults.
- Proper investment of other color activities to achieve objectives.
- Both technical and art and design educators are present; a desirable feature of the group.
- Consensus that today's attendees will contact their national committee about sponsoring and supporting more involvement in the Study Group.

- Japan has sent description and material samples about colour education to the Study Group after a meeting two years ago.
- France has also sent material.
- A written report was in the hands of the Executive Committee after the meeting in Valencia. Then only Japan and Hungary responded. There have been sporadic responses since but material appears to have been misplaced.
- Comment to the group to prepare papers or poster papers for the next meeting to describe activities in education.
- Recent requests from the chairperson for support materials have been refused (because of lack of response in the past).
- Feeling that the objective of the Study Group is too broad - we need to narrow it more.
- Feeling that the committee is too big - perhaps each country should have only one member. Then the country's colour society would be responsible for keeping and sharing the information.
- Questions about why the Study Group cannot find out a solid frame since so many presenters at this meeting are educators or lecturers in colour.
- What message do we send the AIC Executive Committee?
- How do we afford the mail and working expenses? AIC Executive Committee is willing to fund Study Groups. Report to Alan Robertson should include a request for funds.
- Question about availability of electronic mail. Few attendees responded positively. AIC Executive Committee does not want a Study Group functioning as a round table discussion group.
- The Study Group needs clear, concise terms of reference to allow national committees to contribute. How do we set up and communicate this? In the early days of the committee it functioned more as a bank of ideas that could be used to improve our teaching. The committee needs to have a record of the areas of expertise or materials and techniques. This would be part of the Study Group participants' list.
- Question for a biennial Newsletter to keep membership and Executive Committee informed about developments.
- At our next meeting we should have a real "round table" and then a brainstorming session. This is not the work of a Study Group.

- Finnish report on Helsinki conference. Finland is not a member of AIC as there is no national committee on colour. Focus of the conference is for degree level studies for artists and designers. The meeting will be as concrete as possible.
- What should we put on our timetable for the next four years? An AIC Interim Meeting? Can we meet at the Helsinki conference on Colour Education in 1994?
- Study Group should identify and promote the use of students in research and studies. This idea was seconded by others.
- In Italy it is difficult to get schools for young children interested in teaching colour.
- Summary: a consensus on knowing where members teach and what and how they teach colour.
- Comment to support the chairperson of the Study Group by appointing co-chairs, secretary etc. Question about whether Drs Melse would consider becoming permanent Chairperson of the Study Group.
- Request for suggestions for co-chairpersons and secretary. Two people volunteered to serve as co-chairs.
- A second suggestion was made for a more formal meeting time for the Study Group at the next meeting.
- Another meeting at Warna, Bulgaria in 1995. Invitations to go out from the Bulgarian Colour Group.
- Suggestion to seek an early meeting time at the 1997 meeting in Kyoto.
- Finnish representative offers to arrange for a room at the 1994 conference in Helsinki but AIC will be responsible for all other arrangements.
- The next AIC Newsletter should have a questionnaire asking for topics for future AIC meetings.

Conclusion

- The following general objective:

To promote a global approach to education in colour

Actions

- Report to the AIC Executive.
- All attendees to send a 20 line description of their activities to Drs Melse. Those who send this description will become members and will receive the compiled list. This should be sent to Drs Melse by 1st August 1993.
- Distribution of notes and membership description by the end of 1993.

Mailing address

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TITLE: Visual Illusions and Effects.

CHAIRMAN: Osvaldo da Pos

MEMBERS:

A. Nemcsics

G. Brino

S. Villani

.....

Why this study group.

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

The first goal (part one) of the study group is:

a) to collect data on various visual illusions and effects and to organise them in a unified format.

a1- to collect the main bibliographical references, books, monographs, etc.

b) to classify and group the collected material according to some criteria such as:

b1- psychological variables versus physical variables involved

b2- underlying mechanisms and models proposed to describe the various illusions/effects.

The second goal (part two) of the study group is:

c) to form a number of subgroups, each devoted to the study of some practical applications

Part one.

Basic reference frame.

FIRST STEP: collecting informations about visual illusions and effects.

For every illusions or effects, which are described with these terms in the literature, a record should be prepared in a standard format indicating:

- 1- the label denoting the visual illusion or effect
- 2- a brief description
- 3- the earliest available (or assumed to be such) reference
- 4- one or two most recent quotations

All members of the study group are invited to contribute. The cooperation of other people in this stage of the work will be also highly appreciated.

Time schedule: 1 year.

At the end of this year the chairman will arrange in alphabetical order the resulting collection of records to form a descriptive anthology of visual illusions and effects.

In parallel with this formatting task of the collected visual illusions and effects, there will be also a continuous accumulation of quotations regarding books, monographs, reviews concerning visual illusions and effects (a1). This item will be an open end one.

SECOND STEP: analysing and classifying the collected material.

For every illusion/effect, the task will be to identify and comment the perceptual/psychological variables involved, and to report the physical variables which are described as correlated.

A matrix of the followig suggested form could be useful:

				psychol.	quantities	
		space	time	movement	chrom. colour	achrom. colour
	space					
physical	time					
quantities	luminance					
	spectral comp.					

In this way those illusions/effects, for which colour a) is critically involved, b) is involved but not critically, c) is unimportant, can be rapidly identified and classified.

At this point those visual illusions and effects which are considered more interesting will be chosen to be further considered.

Time schedule: 6 months.

THIRD STEP: commenting the chosen illusions and effects.

The task will be to shortly report the theoretical explanations and/or models which have been proposed for each illusion / effect. The use of the terminology ("illusion", "effect", etc.) will appropriately be commented here.

Some already performed applications will be commented and other possible applications suggested.

Time schedule: 6 months..

Part two:

Subgroups tackling specific visual illusions or effects.

Some subgroups, so far proposed, include:

- 1) Graphic arts, advertising
- 2) Op Art (Nemcsics)
- 3) Transparency (da Pos...Caivano? Green-Armitage?)
- 4) "Trompe l'oeil" (Brino)
- 5) Visual illusions and effects in optometric testing (Villani)

The work of these subgroups can start at once and go on in parallel with the other activities of the part two.

Time schedule: 2 years .

Total time table : 2 years.

ECD

Environmental Colour Design
interest group of AIC

REPORT - 1993

The enclosed letter was sent to nearly 200 persons (members of and people interested in the AIC Environmental Colour design Study Group) early in 1993.

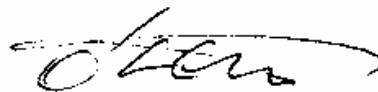
Dr. Oberascher reported his successful negotiations with WGH Press AG to the AIC Executive Committee in Budapest. During a general discussion about the future of AIC study groups it had been decided that the term "Study Group" should be reserved for groups actively engaged in some research project. A group such as ECD would be more appropriately described as an "Interest Group" and this was agreed.

A short meeting of the group was held immediately following the Round Table on Environmental Colour Design at AIC Colour 93 in Budapest. Dr. Oberascher repeated the information contained in his letter for the benefit of those attending for the first time. Further copies of the application for membership form were distributed.

Full membership fees have been received from seven people so far with a further ten anticipated in the immediate future. Several others expressed serious interest.

Discussion at the meeting had to be brief because of other activities arranged for the evening. This report, together with the report on the Round Table will be sent to all those who attended.

1993-06-29



Dr. L. Oberascher
Chairman of ECD

ECD

Environmental Colour Design
study group of AIC

Institution

Name
Address
City
Country

Re : Colour & Design

29. Jun 93

Dear Mr./Mrs. ,

You may have been wondering why you have not received any further newsletter from ECD (Environmental Colour Design) since 1990. The reason is very simple. Approximately 200 people expressed an interest in ECD, but only 31 were prepared to become members and pay the application fee of US \$ 20,00. Unfortunately the total amount we received (US \$ 480,00) did not even cover the expenses for our first newsletter (photocopies, postage).

x Meetings of ECD:

ECD, nevertheless, is still alive. Since 1990 many of us have met on various occasions (e.g. colour conferences in Moscow, Sydney, Perth and Princeton). We discussed our experiences, ideas and plans and some of us carried out some "colour projects" together.

We also held an official meeting in Sydney during "Colour and Light '91", and we will meet again in Budapest during "Colour '93", the 7th congress of the AIC. The congress will run from June 14th to 18th; our meeting will take place on June 15th at 6:00 PM. I hope to see those of you who will be attending the congress at our meeting.

Kaltnergasse 8 • 5020 Salzburg • Austria (Europe) • Tel.: +662-28459-0 • Fax: +662-274051
Chairman: Dr. Leonhard Oberascher • Secretary: Dr. Lars Sivik

x "Colour and Design" will now include ECD News !

During the last few years I have been trying to find an organisation which could serve as a forum for communication and presentation of ECD.

The Swiss agent WGH Press AG, who have taken over the well known German publication "FARBE + DESIGN", have now offered to work with us. As you will see from the enclosed letter, WGH Press AG plans to publish an English edition to be called "Colour & Design".

WGH Press AG is prepared to include news about ECD and the work of its members. If you would like to contribute to the first edition of "Colour & Design", please send your article (including colour transparencies, graphics, tables etc.) directly to me. I will need your article by the end of July.

"Colour & Design" will be published once a year, in full colour. It will have 160 pages. The regular price will be 198 DM (German marks) plus the postage fee.

x Special conditions for ECD members !

For ECD members I have arranged a special agreement with WGH Press AG. For a yearly fee of 180 DM you will be a member of ECD and receive a copy of "Colour & Design". If you would like us to send you a copy of "Colour & Design" please make sure that you have included the right amount for postage (see order form).

Looking forward to hearing from you soon,

Yours sincerely,

Dr. Leonhard Oberascher
chairman

DALTONIANA

NEWSLETTER
OF THE INTERNATIONAL RESEARCH GROUP ON COLOUR VISION DEFICIENCIES

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July 1993

No 79

IRGCVD News

News from the Tübingen Symposium

Scientific Programme

The programme opened with the presentation of the Varriest Medal to Professor Marrion Marré whose work on acquired colour vision deficits was reviewed in an address by Professor Roth. There were more than 130 participants representing 19 countries. The papers (5 invited, 5 extended, 31 contributed) were given in 9 serial sessions. Posters (37) were defended in two specially dedicated 2 hour sessions. Abstracts of all 98 contributions are reproduced in this issue of Daltoniana. An interesting exhibition was mounted with new instruments in hands-on and working displays. In a new venture, an evening session with Professor Zeki's invited paper on "The construction of colour by the cerebral cortex" was opened to the public and attracted some 300 people. The half-day workshop on uses and calibration of monitor displays was well attended.

Social Programme

Our hosts provided a pleasant and relaxing social programme which was very much appreciated. Beginning with a reception on Sunday evening, it continued on Monday with a half-day trip to Lake Constance, including brief visits to Constance and Stein and dinner above the water falls at Neuhausen. On Tuesday evening, we attended a violin concert and dinner at the Bebenhausen Monastery, where we marvelled at the superb acoustics. The programme finished on Wednesday evening with a reception following Professor Zeki's discourse.

General Members Meeting

The President's vote of thanks to the local organisers, Eberhart Zrenner, Anne Kurtenbach and Lukas Rutiger and their team of assistants, Elke Günther, Regina Nicolaidis, Ralph-Peter Tornow, Manfred Fahle and Christian Wehrhahn, was greeted with acclaim.

The General Secretary asked all members to send abstracts from or reprints of their recent publications for inclusion in Daltoniana. He reminded members that, as part of their membership fee, they obtain a copy of the Symposium Proceedings at 1/3 the retail cost.

The Directorial Committee had welcomed Professor Kenji Kitahara as a new member, on the recommendation of Professor Yasuo Ohta who had retired. Professor Ohta's work on behalf of the group was much appreciated; particularly his organisation of the splendid regional 1990 Symposium in Tokyo. The committee had accepted, with regret, the resignation of Professor Marrion Marré as Secretary-Treasurer of the former Socialist Countries.

As part of the process of increasing our impact on the vision science community, possibilities are being investigated for publishing the Symposium abstracts and papers in a refereed journal. With the same aim, suggestions were solicited from members for a shorter name for the group.

Venue of the 1995 Symposium.

The meeting accepted the committee's recommendation of the bid from Pau, France. The special topics suggested for that Symposium are: 1) Variation of Colour Vision: Genotypes and Phenotypes. 2) Structure and Function in Colour Vision. 3) Colour Vision and Field Defects. A workshop was proposed on the Legal Requirements for Colour Vision.



Grupo Argentino
del Color

NEWS FROM THE ARGENTINE COLOR GROUP

THE FIRST ARGENTINE CONGRESS ON COLOR

The meeting was held during October 20-22, 1992, at the School of Architecture, Design, and Town-planning of Buenos Aires University.

In the oral sessions, the following papers were presented:

El color: Un aspecto esencial del producto terminado. El enfoque técnico y el artístico

[Color: An essential aspect of the final product. The technical and artistic approach]

Roberto Daniel Lozano (Argentine Color Group, and National Institute of Industrial Technology)

Desarrollo de colores y diseños para revestimientos cerámicos

[Development of colors and designs for ceramic tiles]

Silvia María Estévez (consultant)

El color y los otros aspectos visuales: Color y forma

[Color and other visual aspects: Color and form]

Rubén Alberto Gramón (School of Architecture, Buenos Aires University)

Color y sonido: Correlación sobre bases físicas y psicofísicas

[Color and sound: Relations on physical and psychophysical bases]

José Luis Caivano (School of Architecture, Buenos Aires University, National Council of Scientific and Technical Research, and Argentine Color Group)

Ensayo sobre estética de la luz

[Essay on the esthetics of light]

Mauricio Rinaldi (Colón Theater, and School of Fine Arts)

Índice de nombres populares del color en la Argentina

[Dictionary of popular names of color in Argentina]

Ana M. Bras, Cristina Manganiello and collab. (National University of La Plata)

Estudio psicofísico de preferencias de blanco en cuero semiterminado

[Psychophysical study of preferences of white in semifinished leather]

Gustavo Defeo (Unitar SAICA, and Argentine Color Group)

Preferencias en vidrieras iluminadas con lámparas fluorescentes

[Study of preferences in show cases illuminated with fluorescent lamps]

Mirta Mirkin and Carlos Kirschbaum (Institute of Illumination, Light, and Vision, School of Sciences and Technology, National University of Tucumán)

Un rango efectivo para muestras grises

[An effective range for gray samples]

Miguelina Guirao, Paula Harris, and Mónica Rodríguez (Laboratory of Sensorial Research, National Council of Scientific and Technical Research, and School of Medicine, Buenos Aires University)

Apariencia (cesía): Formación de escalas a partir de discos giratorios

[Appearance (cesia): Generation of scales through spinning disks]

José Luis Caivano (School of Architecture, Buenos Aires University, National Council of Scientific and Technical Research, and Argentine Color Group)

El color en una clínica de cirugía plástica

[Color in a plastic surgery clinic building]

Leonor Rigau de Carrieri (Center of Fine Arts, National University of San Juan)

C. de Correo 157
1650 - San Martín (Bs.As.)
República Argentina



In addition, there were two round table discussions:

Color control and formulation, with the participation of

Antonio Alvarez (Tintar SA, and Argentine Color Group)

Ricardo José Ciero (consultant)

Susana Pons (consultant)

Julio Sender (Perro Bnabel SA)

Nivea Suriam (consultant)

Juan Luis Ferrari (Colorsur SRL, and Argentine Color Group)

Color in the artistic and design disciplines, with the participation of

Eduardo Cervera (School of Architecture, Buenos Aires University - Belgrano University)

Silvia María Estévez (consultant)

Claudio Guerri (School of Architecture, Buenos Aires University)

Enrique Llamblás (Buenos Aires Museum of Modern Art)

Silvia Pescio (School of Graphic Design, Buenos Aires University)

Mauricio Rinaldi (Coida Theater, and School of Fine Arts)

The meeting was attended by around one hundred persons coming from different fields: architects, psychologists, physicists, chemicals, bio-chemicals, engineers, textil and graphic designers, decorators, art professors, plastic artists, business men, and manufacturers.

Among the participants were people from various National Universities (Buenos Aires, La Plata, Tucumán, San Juan), as well as people from other Argentine provinces (Salta, Misiones, Formosa, Chubut) and from Uruguay. Also, there were participants from private Universities (Belgrano, Morón), National Schools of Fine Arts, the National Council for Scientific and Technical Research, and various companies (IEM, Ciba Geigy, among others).

NEW EXECUTIVE COMMITTEE OF THE ARGENTINE COLOR GROUP

After the meeting, the annual assembly of the Group was held, with election of new authorities.

President: Mr. Gustavo Defeo

Secretary: Arch. José Luis Calvano

Treasurer: Lic. Roberto Daniel Lozano

Members: Lic. Silvio Roldán

Mr. Juan Luis Ferrari

Lic. Mabel Rodríguez

Lic. Antonio Alvarez

Prof. Cristina Manganiello

Mr. Mauricio Rinaldi

Arch. Fabio Bertachini

At present, the Color Group is working on the publication of the Proceedings, as well as on the preparation of the Second Argentine Congress on Color which will be held at the National University of La Plata in 1994.

C. de Correo 157
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