

# DALTONIANA

## NEWSLETTER OF THE INTERNATIONAL RESEARCH GROUP ON COLOUR VISION DEFICIENCIES

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January 1991

Issue No. 70

### IRGCVD News

Daltoniana extends its best wishes to its readers for 1991 and its condolences to Dr P Lanthony, Professor H Schelbner and Professor W D Wright whose wives died during 1990 and to the family of Professor M Richter who died in a recent car accident.

#### Professor Manfred Richter

Manfred Richter, the senior figure of German colour science, was killed in a road accident on 19th November, 1990. Born in 1905, he studied technical physics at the Technical University in his native town of Dresden and there earned his doctorate in engineering with a dissertation on Goethe's "Farbenlehre". After research work at the national Textile Institute and at the OSRAM laboratories, he joined in 1938 the forerunner of the Bundesanstalt für Materialforschung und -prüfung. At BAM he developed the colour-measurement laboratory, and from 1949 until his retirement in 1970 he was head of the research group for colour measurement. His "Einführung in die Farbmetrick" was widely respected. In 1952 he founded the journal "Die Farbe", which enjoyed an international recognition within the field of colour; and he continued until his death to commission and edit papers, zealously substituting "Umstimmung" for "Adaptation" and courteously encouraging authors to greater clarity. He also founded, in 1941, the Deutschen Farbausschuss, the forerunner of the DIN standardization committee for colour. In 1974 he was elected the first President of the German Colour Society.

Professor Richter's tall, frail figure, leaning on a stick, was a familiar sight at international meetings even during the 1980's. He was a firm supporter of the International Research Group, giving several papers at its meetings and acting as host for the Group's very successful meeting in Berlin in 1981. He always retained a slightly formal politeness that belonged to a former age. A "feiner alter Herr", he will be badly missed both in Germany and in the wider world of colour.

J D Mollon

#### Advertisement

Collector offers up to US\$200 for a copy of Köllner's "Die Störungen des Farbensinnes". J Mollon, Department of Experimental Psychology, Downing Street, Cambridge CB2 3EB, UK.

#### XI IRGCVD Symposium

The dead-line for abstract submissions is 15 February. Be sure to send yours off in good time.

#### Entitlement of Members to the Proceedings of the 1991 Symposium

Members are reminded of the new policy (Daltoniana 67 and 68) which is designed to ensure the distribution of the biennial Symposium Proceedings to all full members. Entitlement to the proceedings of the next Symposium in 1991 is obtained by payment of the full-member subscription (UK£30 or US\$50) for both 1990 and 1991. A name-list follows of those who have paid the full-member subscription for 1990 (*the list does not include student, retired and honorary members, nor those whose membership payment was less than the full amount*). The treasurer has announced that members who have not yet paid the full subscription for 1990 will soon be asked for two years' subscriptions (UK£60 or US\$100) and that, if this is not received before the 1991 Symposium, membership will be withdrawn.

#### **Full member 1990 subscriptions paid through Treasurer Mrs J Birch**

E Aarnisaalo, D A Atchison, J Birch, J Bronte-Stewart, P Capilla, C R Cavonius, S R Cobb, B L Cole, G Derefeldt, C Dickinson, E Dodt, R J Fletcher, D H Foster, M Fukuda, R Fusco, A Guffani, H Hagiwara, C S Hahn, A Hamano, A Hedin, D Hermès, A Hill, M Nishimuta, K Hukami, C Illueca, R Ishihara, N Iyori, W Jaeger, A Kandatsu, P R Kinnear, H Kitahara, K Kitahara, A Kubo, H Kudo, J J Kulikowski, B Lackenmayr, O Lagerlöf, P Lanthony, J Leid, R Littlewood, M Mäntyjärvi, J J Meyer, J D Mollon, J D Moreland, T Motohashi, O A Negrete, J Noji, F Obara, K Ohama, Y Ohta, A G Ourgaud, M Pelizzone, I Perez, A Pinckers, M Pori, B C Reeves, J Reffin, A Roth, J Rovamo, K Saiki, M O Scase, H Scheibner, K Shimizu, N Takahashi, R Tamaki, D Travis, Y Uji, A Valberg, D van Norren, A Vingrys, J Voke, J Wilmet, T Yasuma, H C Yorke, E Zrenner.

#### **Full member 1990 subscriptions paid through Secretary-Treasurer Dr B Drum**

F Abraham, A Adams, M Akita, K Alexander, M Alpern, J E Bailey, F Barker, V Billock, G Bresnick, S Buck, C Cicerone, J Cohen, J Comerford, M Crognale, B Drum, A Eisner, A Elsner, J Enoch, G Fishman, K Fuld, V Greenstein, S Grigsby, G Haegerstrom-Portnoy, W Hart, K Higgins, J Hovis, G Jacobs, D Jameson, P Kaiser, E King-Smith, D Lindsey, D MacLeod, J Nathans, J Neitz, R H Pollack, C A Rawlings, D M Regan, D Robbins, K M Robertson, M Roy, M Rubin, P A Sample, H Sperling, C Sternheim, A Stockman, W H Swanson, D Teller, W Verdon, J Werner, F Zisman, F Zwas.

#### **Student Grants for the 1991 IRGCVD Symposium**

As announced in Daltoniana 68, Grant money has been made available to assist overseas students contributing to the XI IRGCVD Symposium in Sydney. The grant is in two parts: the first is guaranteed while the award of the second depends on the final profit/loss account of the Symposium. The guaranteed part enables the IRGCVD to offer pre-symposium travel assistance (calculated as approximately 70% of a student air-fare) together with free registration. A further grant may be made after the Symposium of the remaining 30% (in full or in part) but that is *not guaranteed*. It is anticipated that up to four of such awards can be made. At the time of writing (pre-Gulf war) student air-fares were UK£900 (UK/Europe), UK£720 (East USA) and UK£540 (West USA). Separate monies may be available to fund some free registrations for full-time students residing in Australia.

If demand exceeds supply, the award of grants will be determined competitively on the basis of the quality of abstracts received. An application form is attached to this issue.

#### **Information and Instructions for Authors**

Proceedings of the 1991 IRGCVD Symposium, June 20-23, Sydney, Australia

#### **New Editorial Policies**

Starting with the upcoming Sydney Symposium, the editorial policies for the biennial IRGCVD Symposium Proceedings will undergo several significant changes. Most of these changes are related to a new peer review procedure, which is intended to establish high standards for quality and enhance the reputation of the Proceedings with the general scientific community. In addition, an absolute deadline for the submission of manuscripts is being implemented in an attempt to reduce the delay in publishing the Proceedings to approximately one year after the end of the Symposium (the proceedings from the last three meetings in Avignon, Annapolis and Cagliari involved delays of nearly two years).

The new review policies will establish the Proceedings as a fully peer-reviewed primary publication. Therefore, short versions of papers to be published elsewhere will be considered duplicate publication, not acceptable for the Proceedings.

In the past there have been no published guidelines to authors for the preparation of Proceedings manuscripts. As a result, manuscripts have been submitted in different formats, creating a great amount of extra work for the Editors. For the Sydney Symposium, however, all authors will be expected to adhere closely to the instructions for manuscript preparation below. The formats specified in these instructions are identical to those used for the two previous Proceedings, Colour Vision Deficiencies IX and X. Authors who have questions about the manuscript format may consult one of these volumes or they may contact the Editor at the address below. *Important Note: All authors are required to prepare their manuscripts according to the instructions below. Manuscripts that deviate significantly from the standard format will be returned to the authors for correction.*

## Initial Submission Deadline

Authors are strongly urged to submit their manuscripts at the meeting if at all possible.

The absolute deadline for the Editor to **receive** manuscripts will be 30 days from the last day of the meeting. The deadline for the Sydney Proceedings therefore will be **Tuesday, July 23, 1991**. Manuscripts faxed to the Editor by the deadline date also will be acceptable, but only if they are exact copies of original manuscripts sent by Federal Express or other overnight mail on or before the date of the fax. Manuscripts received after the deadline will be returned to the authors.

## Review Policy

Each manuscript will be reviewed for scientific quality by at least two anonymous IRGCVD members in addition to the Editor. The reviewers will be instructed to make their comments constructive whenever possible. However, if a reviewer feels that a paper cannot be made publishable with a reasonable amount of revision, he or she will be free to recommend rejection. A paper may be rejected only if the Editor and both reviewers all recommend rejection. Even if a manuscript is rejected, however, the authors may submit a revised manuscript if they believe that they can respond adequately to the criticisms of the reviewers.

Manuscripts that are either rejected or accepted pending satisfactory revision will be returned to the authors for their response. All revised manuscripts must be returned to the Editor within 30 days of receipt, accompanied by cover letters detailing the authors' response to the reviewers' and Editors's comments and specifying all changes to the manuscripts. Revised manuscripts will be accepted for inclusion in the Proceedings only if the revision and cover letters satisfactorily respond to the reviewers' comments.

## Manuscript Preparation

### Submission

Submit one original manuscript and three exact copies to:

Bruce Drum  
Proceedings Editor  
Wilmer Institute, B-20  
Johns Hopkins Hospital  
601 North Broadway  
Baltimore, MD 21205  
USA

All text including abstract, references, tables and figure captions, must be double-spaced with at least 1" (2.5cm) margins, and typed or printed with a laser printer or letter-quality dot matrix printer on 8.5" x 11" (A4) paper.

All manuscripts must be accompanied by a signed statement from the authors that the paper has not been published previously, it is not currently being considered for publication elsewhere, and if published in the Proceedings it will not be published or reprinted elsewhere in the same or similar form without the written consent of the publisher.

### Page Limits

The Publisher will allow 450 free Proceedings pages, including Tables and Figures, to be divided equitably among the individual contributions. In the past, five or six free printed pages each containing approximately 400 words typically have been allocated to each paper, depending on the total number of papers submitted. For papers that exceed the free page limit, authors will be charged Dfl. 100 for each printed page over the limit. A more accurate estimate of the number of free pages per paper will be available after the abstract submission deadline.

### Title Page

The first page of the manuscript must contain: (1) the title, right-justified, all in capital letters; (2) the authors' names, right-justified, all in capital letters except for the conjunction "and" in lower case between the names of the last two authors; (3) city, state or province if applicable, and country, in upper and lower case letters, parenthesized and underlined or italicized.

### Abstract Page

The second page of the manuscript must contain an abstract of up to 200 words, introducing the topic of the paper and briefly summarizing methods, results and conclusions.

## Headings and Subheadings

All headings should be left-justified, typed in upper and lower case, without punctuation. In most cases, the principal headings should include the standard Abstract, Introduction, Methods, Results, Discussion, Conclusion, Acknowledgements and References sections, or their equivalents. No more than one level of subheading should be used, and then only when necessary for clarity. Principal headings should be typed in boldface and subheadings should be italicized or underlined.

## Acknowledgments

Authors should acknowledge explicitly any financial or other commercial interest in any product that is evaluated in the paper. Also, any project sponsored by a private, corporate or governmental organization should be acknowledged.

## References

All references should be cited in the text by authors' last name and year, as in the following examples. Single author; (Harrington, 1971); two authors; (Aulhorn and Harris, 1972); three or more authors; (Drance et al, 1981). Complete references should be listed alphabetically by author on one or more separate pages at the end of the manuscript, according to the following formats:

### *Journal Article*

Lakowski, R., Bryett, J. and Drance, S.M. A study of colour vision on ocular hypertensives.  
Can. J. Ophthalmol. 7:86-95 (1972)

### *Book Chapter*

Lutze, M., Smith, V.C. and Pokorny, J. Critical flicker frequency in X-chromosome linked dichromats. In: Drum, B. and Verriest, G. (eds.), Colour Vision Deficiencies IX, Doc. Ophthalmol. Proc. Ser. 52: 69-77, Kluwer Academic Publishers, Dordrecht (1989).

### *Book*

Pokorny, J., Smith, V.C., Verriest, G. and Pinckers, A.J.L.G. Congenital and Acquired Color Defects.  
Grune and Stratton, New York (1979).

## Authors Address

The name and full mailing address of the first author, or the author to whom correspondence should be addressed, should be typed left-justified following the list of references. It is not necessary to include the author's name if all authors have the same address.

## Tables

All tables must be cited and identified by number in the text as Table 1, Table 2, etc. Each table should be constructed on a separate page following the text. Information should be organized in columns, but without vertical lines. The underlined or italicized table name (e.g., Table 2) must be typed left-justified above the table, followed by a brief descriptive title.

## Figures

Line-drawing figures should be drawn with India ink or printed using a laser printer or a high-resolution dot matrix printer with a new black ribbon. Original drawings, printouts or high-contrast photographs are all acceptable. Photocopies, however, are not acceptable. Figures intended for half-tone reproduction must be photographed on glossy white paper. Colour figures are possible, but the cost of reproduction will be charged to the author.

Each figure must be identified on the back with the figure number, the first author's name and an indication of proper orientation.

All graphs must have labelled axes, and all lines and lettering must be large enough to stand photographic reduction of the overall figure to a width of no more than 4.6 in. (11.7cm). All figures must be numbered consecutively in order of their first citation in the text and abbreviated "Fig." except at the beginning of a sentence. The approximate location of each figure should be clearly indicated by a note either in the margin or in a gap in the text.

Figure captions must be typed double-spaced on a separate page following the body of the text. Each caption should begin with the left-justified, abbreviated, italicized or underlined figure name (e.g., *Fig. 2.*). Captions should be brief but sufficiently explanatory to allow the main points of the figures to be understood without reference to the text.

# SYMPOSIUM OF THE INTERNATIONAL RESEARCH GROUP ON COLOUR VISION DEFICIENCIES

June 20 - 23, 1991 Sydney, Australia

## GENERAL INFORMATION

**VENUE** Electrical Engineering lecture theatre, University of New South Wales.

**ABSTRACT** Deadline for submission - February 15, 1991

**Special Themes -** a) Occupational consequences of colour vision deficiencies,  
b) Molecular genetics of colour vision deficiencies, and  
c) Spatial aspects of colour vision

**SUBMISSION OF ABSTRACT** instructions are on pages 9 and 10.

## SCIENTIFIC PROGRAMME

Two of the sessions will be devoted to posters and one will be an IRGCVD Business Meeting.

June 21	8:00 am - 5:00 pm
June 22	9:00 am - 5:00 pm
June 23	9:00 am - 5:00 pm
June 24	Joint IRGCVD-AIC Meeting

## SOCIAL PROGRAMME

June 20	2:00 pm - 6:00 pm	Tour of Sydney
	6:00 pm - 10:00 pm	Welcome Reception
June 21	7:00 pm - 11:00 pm	Harbour Cruise
June 22	7:00 pm - 11:00 pm	Australian Dinner

## ADDITIONAL ACTIVITIES FOR ACCOMPANYING PERSONS:

June 21	9:00 am - 4:00 pm	Taronga Park Zoo
June 22		Free shopping day
June 23	9:00 am - 5:00 pm	Blue Mountains

## METHODS OF PAYMENT FOR REGISTRATION FEES AND ACCOMMODATION

Either bank cheque or bank transfer may be made in Australian Dollars.

- i) In the case of a bank cheque, please make it in favour of IRGCVD XIth Symposium and send it together with the completed Registration and Accommodation form.
- ii) In the case of a bank transfer, please make it through your own bank to the IRGCVD account at the State Bank, University of New South Wales Branch, A/C 862047-00.  
Enclose a copy of the bank transfer with your Registration and Accommodation form.

## CANCELLATIONS AND REFUNDS OF REGISTRATION FEES

Written notification should be received by the SECRETARIAT no later than May 15, 1991.

**Refunds:** Before May 15, 1991: Less 20% for administration costs.  
After May 15, 1991: No refunds.

## ACCOMMODATION

Arrangements have been made with the most conveniently located motels and University residential colleges. Please see the "REGISTRATION AND ACCOMMODATION FORM" and information on the next page.

*For all communications, please mail or fax to:*

IRGCVD SYMPOSIUM SECRETARIAT  
School of Optometry  
University of New South Wales  
Kensington  
New South Wales 2033  
Australia

Phone: Int + 61 2 697 4629. Fax: Int + 61 2 313 6243. Telex: AA26054  
e-mail: sdain%usage.csd.unsw.oz.au@murtoa.cs.mu.oz

# SYMPOSIUM OF THE INTERNATIONAL RESEARCH GROUP ON COLOUR VISION DEFICIENCIES

June 20 - 23, 1991

## AND JOINT IRGCVD-AIC MEETING

June 24, 1991

### ACCOMMODATION INFORMATION AND FLIGHT HINTS

			Distance to venue
1.	Barker Lodge Single Twin Share	Tel: Int + 61 3 662 8444 \$110 \$120	32 Barker St, Kingsford Basis: room only 5 mins walk
2.	Eastside Motel Single Twin Share	Tel: Int + 61 3 663 0631 \$85 \$95	147 Anzac Pde, Kensington Basis: room only 10 mins walk
3.	Gemini Motor Inn Single Twin Triple	Tel: Int + 61 3 399 9011 \$115 \$125 \$135	65 Belmore Rd, Randwick Basis: room only 20 mins walk
4.	New College Single Students receive an additional discount	Tel: Int + 61 3 697 5437 \$42	On Campus Basis: Bed and Breakfast 5 mins walk
5.	International House Single Student Kosher cuisine	Tel: Int + 61 3 697 5436 \$40 \$25	On Campus Basis: Bed and Breakfast 5 mins walk

**PLEASE NOTE:** This accommodation has been selected for its vicinity to the University of New South Wales. If you are also attending the AIC meeting (25-28 June) and would prefer not to change accommodation, you will find that the AIC meeting site is reasonably accessible from this locality by public transport and taxis are plentiful and relatively cheap.

### FLIGHT HINTS

June is the cheapest time to fly to Australia. To obtain the cheapest fares will require a minimum stay of 14 days. For instance, the cheapest return flight from Britain by QANTAS is less than £900 at present. QANTAS also offers flights within Australia for a very modest fee to its own passengers and offers a cheap within Australia pass to passengers arriving on other airlines. For instance, it is possible to fly into Cairns and visit the Great Barrier Reef, fly to Sydney for the IRGCVD and AIC symposia and then fly to Melbourne for the CIE meeting all within the one ticket cost. This is only available on airlines which make internal flights; mainly QANTAS although the Sydney/Melbourne flight is available with British Airways, KLM, Malaysian and Garuda Indonesia. To make your tour even more enjoyable, at least one stopover before you reach or after you leave Australia can be made even on the cheapest ticket. Travelling from Europe these can be in places like Bangkok or Singapore and from North America in Hawaii or Tahiti. In Britain, United States and Canada the company to contact about these flights and other pre- and post-conference tour options is Jet-About Travel (owned by QANTAS). In other countries contact your QANTAS office. Further information on flights and prices will be communicated as it becomes available. If you need specific information and your local airline or travel agent is unhelpful then contact the local organizer.

# XIth IRGCVD SYMPOSIUM AND JOINT IRGCVD-AIC MEETING

## INSTRUCTIONS FOR SUBMISSION OF ABSTRACTS

Due date for abstracts to be received in Sydney is 15 February 1991

Abstracts must be submitted:

1. on the form provided,
2. on an Apple Mackintosh disk as a Microsoft Word file (any version) or a text file readable into Microsoft Word.
3. on an IBM or IBM compatible disk as text file, or
4. by e-mail.

The Abstract itself should contain about 200 words.

Abstracts submitted on the form **MUST** be camera ready. No retyping will be done. Abstracts will be reproduced without reduction. Use 1 1/2 line spacing and print no smaller than 10 point (this paragraph is 10 point with 1 1/2 spacing). Since computer and e-mail submissions will be printed in Helvetica font, it is preferred, but not essential, that printed submissions also be in Helvetica font. Dot matrix printing (other than near letter quality) is **NOT** acceptable because it does not reproduce well. Facsimile (Fax) submissions are **NOT** acceptable.

### ADDRESS FOR CONVENTIONAL MAIL AND DISC SUBMISSIONS AND OTHER ENQUIRIES

Dr Stephen J Dain  
School of Optometry  
University of New South Wales  
PO Box 1  
Kensington  
New South Wales 2033  
Australia

Phone: Int + 61 2 697 4629 (Universal Time + 10 hours)

Fax: Int + 61 2 313 6243

### E-MAIL SUBMISSION OF ABSTRACTS

*The following scheme is adapted from that of the American Academy of Optometry with permission of and thanks to its author Dr Larry Thibos.*

Abstracts may be submitted by e-mail.

The address for email abstracts is:

[sdain@usage.csd.unsw.au.oz](mailto:sdain@usage.csd.unsw.au.oz)

From the USA this has been achieved by [Imunnari.usage.csd.unsw.oz.auldain@uunet.uu.net](mailto:Imunnari.usage.csd.unsw.oz.auldain@uunet.uu.net)

From Europe this has been achieved by [sdain@usage.csd.unsw.au.oz@earn.relay](mailto:sdain@usage.csd.unsw.au.oz@earn.relay)

The method of getting the message to the oz gateway will vary with your network and the country in which you are located. If in doubt or difficulty, mail or fax your email address to Dr Dain who will e-mail you so that you can get the return pathway from the message. Since some email gateways are uni-directional we hope we can get this to work.

It is assumed that the author is otherwise familiar with sending messages by e-mail. Therefore, the following instructions are limited to specific requirements for submitting an abstract to the IRGCVD.

**PLEASE ENSURE** that the Subject entry identifies the submitted abstract as being for the IRGCVD Symposium or the joint IRGCVD-AIC meeting. The local organiser is also involved with submissions for the AIC meeting in Sydney in June 1991 and so it must be quite clear for which event your abstract is intended.

1. The abstract should be submitted as a text message containing only printable ASCII characters. NO FORMATTING CODES, SPECIAL CONTROL CHARACTERS, OR OTHER NON-PRINTABLE CHARACTERS ARE TO BE INCLUDED!!  
If you are at all uncertain about meeting these requirements, the best test is to send the abstract as an e-mail message to yourself first to see if it is transmitted and received satisfactorily.
2. Each line of your message should contain at most 80 characters, including spaces, and should be terminated with a carriage-return, line-feed.
3. A complete submission will contain 9 items, each of which is introduced by a key word enclosed in angle brackets. The sequence of these key words is <TOPIC> <PRESENTATION> <TITLE> <AUTHORS> <ABSTRACT> <EQUIPMENT> <ADDRESS> <E-MAIL> <>
4. The information typed after each key word is as follows:  
 <TOPIC> Type the selected topic area title as in the printed form.  
 <PRESENTATION> Type a two letter code, in uppercase, according to your presentation preference. The code is: LO (lecture only), PO (poster only), LP (lecture first, then poster), PL (poster first, then lecture).  
 <TITLE> Enter title in CAPITAL LETTERS  
 <AUTHORS> Enter the authors' names and any academic or company affiliations, with the presenting author marked by an asterix.  
 <ABSTRACT> Enter a one-paragraph, single spaced abstract of about 200 words.  
 <EQUIPMENT> Describe any special equipment required for your presentation like video cassette player, tape player, etc.  
 <ADDRESS> Give full mailing address of communicating author.  
 <E-MAIL> Give e-mail address of communicating author if appropriate.  
 <> Marks the end of your message.
5. Remember that e-mail messages are automatically time-stamped when received, so be sure to submit your abstract before the 15 February deadline. The time required for delivery of e-mail can vary from a few minutes to a day or more, depending on network traffic, routing and other factors.
6. An example is given below of an e-mail session in which an abstract is submitted. The initial dialogue for addressing the message will vary with your particular connection to the network and host computer.

## SPECIMEN E-MAIL

Mailsend

To: sdain@usage.csd.unsw.au.oz  
 Subj: IRGCVD 1991 Abstract Submission

```
<TOPIC> Occupational consequences of colour vision deficiencies
<PRESENTATION> LO
<TITLE> ELECTRONIC SUBMISSION OF ABSTRACTS
<AUTHORS> Fred E Flintstone, Department of Neolithic Anachronisms, American University, Hollywood, CA.
<ABSTRACT> This is an example of how an abstract would appear when submitted by email. The abstract must
consist of a single paragraph, single spaced about 200 words total. Avoid the use of obscure abbreviations or
acronyms, literature citations, and references to figures or tables. A good abstract will state (1) the purpose of the
study, (2) the experimental design, subjects and procedures, (3) the major results, and (4) the principal conclusions.
<EQUIPMENT> IBM-compatible computer, electrical outlet
<ADDRESS> Barney J Miller, School of Indecision, Podunk University, Anytown, NSW 2999.
<E-MAIL> bitnet:FRED@PODUNK
<>
```



## Application for an IRGCVD Student Grant

Dead-Lines For Receipt: 15 February 1991 for application submitted together with abstract.  
1 March 1991 for application (abstract already submitted).

### Eligibility and Conditions:

Applicants should be full-time students. Those residing outside Australia are eligible for travel assistance and free registration, while those residing in Australia are eligible for free registration only. The applicant's Abstract must be submitted with (or prior to) this application. In the case of joint authorship the applicant must be the presenter at the Symposium. Successful applicants will submit a report on the Symposium to the IRGCVD General Secretary for publication in Daltoniana.

### 1 Personal Data

Forename/s and Surname: .....  
Nationality/Citizenship: .....  
Date and Place of Birth: .....  
Mail and E-Mail Addresses for correspondence: .....  
.....  
Field of Study: .....  
Recent Publications: .....  
.....

### 2 Visit Details (delete as necessary)

I apply for travel assistance and free registration.  
Air fare (most direct route, student fare in applicant's local currency): .....  
Other sources of assistance (give details of promised support or of pending/proposed applications and communicate the results of the latter as soon as possible)  
.....

Title of abstract (enclosed/mailed earlier) .....

### 3 Student's Declaration.

(All applicants). If successful, I undertake to provide the IRGCVD with a report of about 300 words on the Symposium before 1 September 1991.

(Overseas applicants only). I intend using the IRGCVD grant for travel to the IRGCVD XI Symposium and for no other purpose. If, for any reason, the grant is not so used, I shall refund the travel award to the Symposium Secretariat.

Signature and Date: .....

### 4 Supervisor's Declaration.

I confirm that <sup>forename and surname</sup> ..... <sup>department</sup> ..... <sup>institution</sup> .....  
is a full-time student in the ..... of  
<sup>MSc/PhD/Other</sup> ..... <sup>subject</sup> .....  
and is registered for the ..... degree in .....

Additional Remarks: .....  
.....  
.....

Name and Title: ..... Status (within institution): .....

Department: ..... Institution: .....

Address and telephone number: .....  
.....

Signature and Date: .....

SYMPOSIUM OF THE INTERNATIONAL RESEARCH GROUP ON COLOUR VISION DEFICIENCIES

June 20 - 23 1991

JOINT IRGCVD AND AIC MEETING

June 24 1991

REGISTRATION AND ACCOMMODATION BOOKING FORM

REGISTRATION

NAME Prof/Dr/Mr/Mrs/Miss/Ms .....

ADDRESS .....

.....

.....

.....

REGISTRATION FEES

(before 15 May 1991)

Participant\* \$AUS420 (\$AUS340) \$ .....

Non-member Supplement \$AUS 36 \_\_\_\_\_ \$ .....

Student (before May 15, 1991) \_\_\_\_\_ (\$AUS180) \$ .....

Proceedings Volume (Non-member, Student) \$AUS 96 \_\_\_\_\_ \$ .....

Accompanying person(s) Name(s) .....

..... @ \$AUS360 (\$AUS275) \$.....

JOINT IRGCVD-AIC meeting 24th June \$AUS 50 \_\_\_\_\_ \$ .....

\* Full members who are in good standing for the years 1990 and 1991 will receive a copy of the proceedings automatically.

ACCOMMODATION

Arrival Date ..... Departure Date ..... Total number of nights .....

MOTEL

SINGLE/DOUBLE/TRIPLE ..... Indicate requirement

PREFERENCE 1 .....

See accompanying form 2 .....

3 .....

One night's deposit ..... \$ .....

COLLEGE

PREFERENCE 1 .....

See accompanying form 2 .....

3 .....

One night's deposit ..... \$ .....

TOTAL ..... \$ .....

See page 5 for payment instructions

For all communications, please mail or fax to: IRGCVD SYMPOSIUM SECRETARIAT School of Optometry, University of New South Wales, Kensington, New South Wales 2033, Australia

Phone: Int + 61 2 697 4629. Fax: Int + 61 2 313 6243. Telex: AA26054 e-mail:sdain%usage.csd.unsw.oz.au@murtoa.cs.mu.oz

THIS FORM MAY BE PHOTOCOPIED

# XIth SYMPOSIUM OF THE IRGCVD

SYDNEY 20 - 23 JUNE 1991

## ABSTRACT FORM

Due for submission by 15th February 1991. See Instructions.

1 Please tick the topic area:

- |  |   |
|--|---|
| <input type="checkbox"/> Molecular genetics of colour vision deficiencies        | <input type="checkbox"/> Spatial aspects of colour vision |
| <input type="checkbox"/> Occupational consequences of colour vision deficiencies | <input type="checkbox"/> Other                            |

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| <input type="checkbox"/> Prefer a poster, if not then a paper | <input type="checkbox"/> Prefer a paper only  |
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3 Title of presentation IN CAPITAL LETTERS

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# JOINT IRGCVD-AIC MEETING

SYDNEY 24 JUNE 1991

## MECHANISMS OF COLOUR VISION

**ABSTRACT FORM**

Due for submission by 15th February 1991. See Instructions.

1 Title of Presentation IN CAPITAL LETTERS

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