

September 2007

ISCEV News Extra



from the
Secretary-General

The ISCEV New Extra is the annual update to the ISCEV Newsletter with information for the 2007 elections and highlights of our Annual Meetings. The ISCEV Board of Directors and Membership Meetings were held in conjunction with the ISCEV International Symposium. For the first time India was the host country. Thanks to Dr Subhadra Jalaili and her team from the LV Prasad Eye Institute, the XLV Symposium, in Hyderabad was outstanding; an opportunity to share our scientific progress and enjoy a taste of the the rich cultures of India. We look forward to a full "recollections" article in the 2008 Newsletter.

2007 ISCEV ELECTIONS

The members present unanimously re-elected ISCEV President, Prof Michael Bach and Member-at-Large Dr A Patrizia Tormene, to serve 2nd four-year terms on the ISCEV Board of Directors. A new ISCEV VICE PRESIDENT FOR THE AMERICAS will be selected in the current postal vote. (Candidates' statements and information are on pages 2-3). A highlight of the membership meeting was the four very interesting invitations to host our 2010 Symposium in Asia. We will vote to select for one of the two finalist venues (see pages 4-5). Numbered ballots have been sent by airmail to be returned by post or fax to the Secretary-General. For details of ISCEV procedures see <www.ISCEV.org/bye-laws/>.

Voting Deadline: 31 October 2007. Please use your vote!

HIGHLIGHTS OF THE 2007 MEETINGS.

Two initiatives from the ISCEV Board of Directors will advance ISCEV activities:

- 1) An ISCEV keynote speaker will be supported at each of our Annual Symposia. (Previously, invited speakers relied on sponsors or symposium fees.)
- 2) ISCEV Grants for Extended Laboratory Visits will be available in 2008 to foster education and scientific exchange. Award and application details are in preparation.

ISCEV Guidelines for Multifocal Electoretinography (2007) was approved at the Membership Meeting. After discussing the required balance of specificity and inclusiveness, there was strong support to update the guideline, rather than elevate it to a standard. Prof Zrenner has formed a committee to establish ISCEV Approved Protocols for inter-laboratory comparisons and clinical trials that require circumscribed protocols.

Contents

Highlights of the 2007 ISCEV business meetings:

- ISCEV sponsored keynote speakers 1
- Grants for extended Laboratory visits 1
- Standards, guidelines and ISCEV protocols 1
- The 2006 ISCEV Awards and honors 6

Candidates for Board of directors:

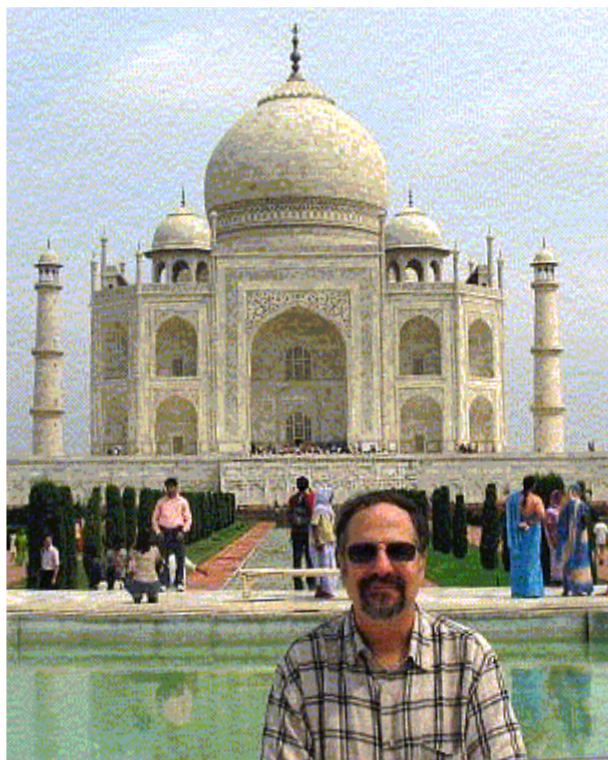
- Vice-President for the Americas 2-3

Invitations for the XLVIII Symposium (2010):

- Australia and China (alphabetical) 4-5

Upcoming 2008 nominations 6

Upcoming Symposia: 6



Personal Statement

It is my great pleasure to be considered as ISCEV Vice-President representing the Americas. I have been involved in visual electrophysiology for over 25 years in academic, clinical and industry settings. My interests range from photoreceptor to cortex. I have been an active member of ISCEV and have served on the ISCEV board as a member-at-large and as Director of Standards. I believe that the role of clinical electrophysiology of vision is of growing importance in developing and evaluating the efficacy of new treatments for diseases of the neural visual pathways. As VP of the Americas, I will work to enhance the profile of clinical electrophysiology (and ISCEV) in the Americas. I plan to achieve this by implementing ISCEV approved courses at the American Academy of Ophthalmology and the American Academy of Optometry. I will also attempt to attract more young scientists and clinicians from the Americas to become active participants in ISCEV. ISCEV meetings remain strong in blending visual science with clinical practice. The research of young vision scientists and the practice of clinical electrophysiology would be greatly enhanced by ISCEV partici-

pation. I remain passionate about clinical electrophysiology and ISCEV and hope to better serve the ISCEV community in the coming years.

Current Position

Translational Medicine Expert – Ophthalmology, Novartis Institutes for BioMedical Research, Cambridge MA, USA

Training and Experience

1977-PhD – Experimental Psychology, Visual Perception Kansas State University (John Uhlarik)

1977-1980 – Post-Doc – Visual Science (ERG, VEP), Northeastern University (John Armington)

1980-1986 – Assistant Professor of Neurology & Neuroscience, University of Chicago (Co-Director of Visual Neurophysiology Laboratory with Jim Goodwin)

1987-1999 – Associate Professor of Neurology, Neuroscience and Ophthalmology, Loyola University of Chicago (Technical Director of Clinical Neurophysiology Laboratories)

1999-2007 – Senior Director, Pfizer Global Research & Development (Clinical Sciences, Technology Development, Head of Visual Safety Council)

Committees and Society Memberships

ARVO, ARVO Ethics Committee, American Academy of Neurology, International Perimetry Society

Selected Publications

Brigell M, Dong CJ, Rosolen S, Tzekov R: AN overview of drug development with special emphasis on the role of visual electrophysiological testing. *Doc Ophthalmol* 2005, 110:3-13

Brigell M, Bach M, Barber C, Moskowitz A, Robson J: Guidelines for calibration of stimulus and recording parameters used in clinical electrophysiology of vision. *Documenta Ophthalmologica* 107:185-193, 2003.

Fishman, GA, Birch DG, Holder GE, Brigell MG: *Electrophysiologic Testing in Disorders of the Retina, Optic Nerve, and Visual Pathway*. Second Edition. The American Academy of Ophthalmology, San Francisco, CA, 2001.



Personal Statement:

This year marks my 22nd anniversary as a member of ISCEV. Since my first meeting (Mie, Japan) I have attended most ISCEV Symposium and organized or helped in the organization of three of them (Banff in 1994, Montréal-Mont Orford in 2001 and Fontevraud in 2006). In 1986, I published my first Documenta paper and since then my laboratory has contributed more than 30. Several of my students benefited of ISCEV travel grants (Michelle McKerral (2), Darren Behn, Olga Dembinska and Julie Racine) and one of them (Julie Racine) also received Eberhard Dodt Award in 2003. As a supervisor, I take great pride in seeing that former graduate students of mine (Marc Hébert, Luz-Marina Rojas, Michelle McKerral, Marie-Sylvie Roy) continue to participate to our annual Symposium as well as publish in our Journal. Finally, as a father, I also take great pride in seeing that my daughter Julie is a member of our Society and has already presented her research at two of our Annual Symposium (Montreal and Nagoya). Our Society has provided me, and members of my laboratory (and family), with countless opportunities to talk science in an open, collegial and friendly manner

that only a “family-reunion” like meeting such as ours can offer. Needless to say that I would be extremely honored if the ISCEV members would grant me the privilege of serving them as Vice-President for the America.

Training and Experience:

PhD (Biology) University de Montréal (1981)

Professor of Ophthalmology at McGill University since 1981 (full professor in 2000)

Director of the Visual Electrophysiology Laboratory and Clinic at the Montreal Children’s Hospital since 1977

Director of the Vision Health Network (equivalent to NEI at our scale) of the Province of Québec since 2001 (see website at www.visionnetwork.ca).

Selected Publications:

LACHAPELLE, P.; et al. : The photopic electroretinogram in congenital stationary night blindness with myopia. IOVS. 24, 4: 442-450, 1983.

LACHAPELLE, P. The human suprathreshold photopic oscillatory potentials: Method of analysis and clinical illustration. Doc. Ophthalmol. 88: 1-25, 1994.

HÉBERT, M.; et al. Reproducibility of ERG responses obtained with the DTL electrode. Vision Research, 39: 1069-1070, 1999.

RUFIANGE, M. et al. The photopic ERG luminance-response function (*Photopic Hill*) : method of analysis and clinical application. Vision Research, 43 : 1405-1412, 2003.

DORFMAN, A. et al. Structural and functional consequences of trolox c treatment in the rat model of postnatal hyperoxia. IOVS. 47: 1101-1108, 2006.

JOLY, S. et al. Evidence suggesting FGF-2 and CNTF neuroprotection in the juvenile rat model of light-induced retinopathy. IOVS. 48: 2311-2320, 2007.

RUFIANGE, M. et al. Circadian light sensitivity and rate of retinal dark adaptation in indoor and outdoor workers. J. Biological Rhythms (in press).

An invitation to Perth, Australia for the XLVIII ISCEV International Symposium – 2010



Proposed dates: Sunday 7th to Thursday 11th, November 2010

We would be delighted to have the opportunity to invite you to Perth, Western Australia's modern vibrant riverside capital. Founded in 1829, this city of 1.5 million people flanks the broad reaches of the beautiful Swan River and is bordered by the Indian Ocean to the west and the picturesque Darling Range to the east. The symposium is timed to enjoy the best of our Mediterranean Spring, amidst the beautiful, diverse and unique wildflowers, when maximum temperatures reach a pleasant 26°C. Basking in sunshine, Perth and its historic port city of Fremantle invite you out onto the streets, into the cafes and down to the water's edge.

ISCEV 2010: The symposium will be held at the Burswood Entertainment Complex <http://www.burswood.com.au/> on the banks of the glistening Swan River, a world class conference venue located just 5 minutes drive from the city centre or 10 minutes by train or bus.

Accommodation: The Burswood offers four and five-star luxury accommodation options, encompassing on site golf course, tennis courts, day spa, seven acclaimed restaurants and six bars. Alternate hotel/motel/budget accommodation is located nearby.

Access: Perth International Airport is 15 minutes drive from the symposium venue. It is serviced by most major airlines with direct flights from Dubai, Hong Kong, Johannesburg, Singapore and Tokyo for travelers from Europe/Africa/Asia, while Sydney is our eastern gateway from the Americas. Shuttle buses will be arranged for hotel transfers.



Hospitality and Social programme: We would like to share with you our multicultural blend of fine dining, beautiful beaches, wide open spaces and friendly outdoor lifestyle. Our half-day tour plans to showcase the beautiful wine growing region of the Swan Valley, taking in an aboriginal cultural centre, Australian wildlife park, wine, chocolate and cheese tastings, Australian bushland and to finish the evening, bushdancing beneath the Southern Cross. Historic Government House will provide a wonderful setting for our gala dinner. The accompanying persons program offers a range of both exciting and relaxing activities, including a day trip to Rottnest Island, exploring Fremantle and a Perth city tour for shopping and sight seeing. We plan to have a lazy day either at the beach, golfing, sailing, cycling, playing tennis, enjoying the opera or just doing what you like.

Other Information: It would be a pity to come to Perth without experiencing further the unique natural beauty of our land, with endless options for pre-and post-conference activities. You can visit the famous wine-growing region of Margaret River and nearby giant Karri forests, play with whale sharks and dolphins, explore spectacular coral reefs, gorges, caves and other natural wonders, ...

<http://www.experienceperth.com/>

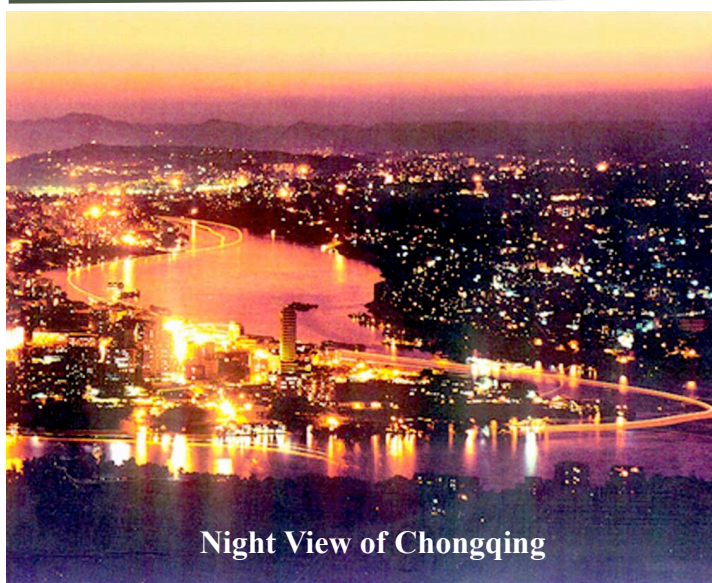
<http://www.australiassouthwest.com/>

<http://www.australiasnorthwest.org.au/>

<http://www.australiascoralcoast.com/>

<http://www.australiasgoldenoutback.com/>

Invitation: Enid Chelva and The Visual Electrophysiology Team of Sir Charles Gairdner Hospital.



Night View of Chongqing

Proposed dates: Sunday 10th to Thursday 14th October, 2010

Chongqing is the largest city in Western China and the fourth direct city of China (after Beijing, Shanghai and Tianjing). It is located next to the Yangtze River and is the starting point for cruise to the famous scenic Three Gorges. Chongqing has a history dating back more than 3,000 years and was the temporary capital of China during World War II. It has the population of 32 million.

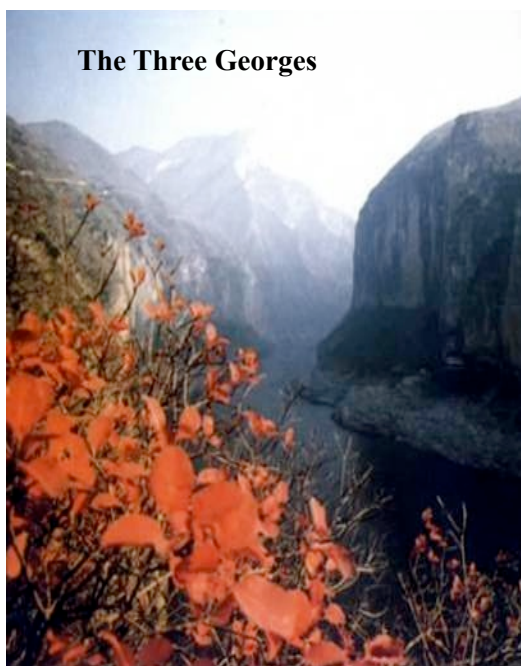
Venue: The Chongqing International Conference Center is a world-class convention venue and has successfully hosted conferences with up to 6000 delegates. Despite the excellent facilities, the cost of hosting a conference in Chongqing is only half of that in Beijing or Shanghai.

Accommodation: Chongqing has a wide range of 3 to 5-star hotels to meet the delegates' requirements. Budget 3-star hotel accommodation starts from US\$30 and 5-star hotel such as Hilton, Marriott and Hyatt costs around US\$100 per room per night. All hotels are conveniently located within 20 minutes from the conference site.

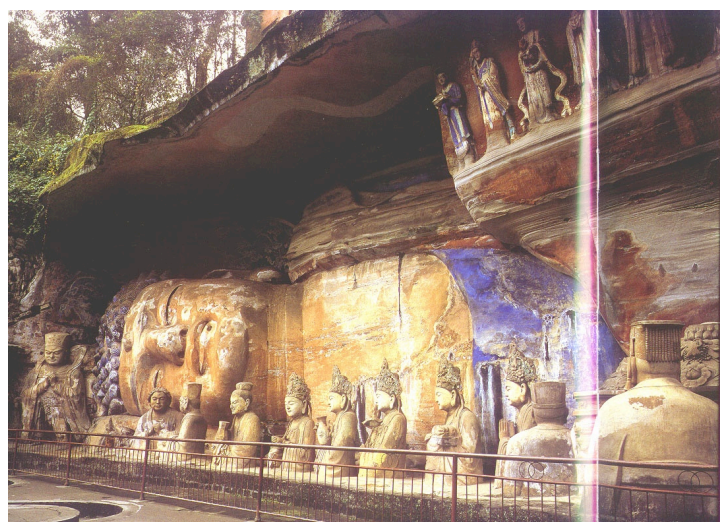
Access: Access is by air to the Chongqing Jiangbei International Airport. It has multiple daily scheduled direct flights from all major cities of China and is only 2 hours from Beijing, Shanghai and Hong Kong. Direct flights are also available from international cities including Tokyo, Nagoya, Singapore, Bangkok, Seoul, etc.

Climate: October is the ideal time for hosting the symposium, with an average temperature of 20°C, the weather will be perfect for delegates to discuss new ideas in electrophysiology, while at the same time enjoying the city and its scenic surroundings.

Hospitality and social program: Chongqing is the starting point for the Yangtze River cruise and the famous Three Gorges. You can also visit the UNESCO listed World Heritage site, the 9th century Dazu Rock Carvings of the Gold Buddhist Mountain. Climb up the mountain to enjoy the wonderful, breath-taking night view of Chongqing. Other major tourist attractions in the area include the Jinyunshan Nature Reserve,



The Three Gorges



Dazu Rock Carvings

the ancient village of Ci Qi Kou (Porcelain Village), the Great Hall and Three Gorges Museum. Other social activities include visit to galleries of traditional Chinese paintings and calligraphy. For cycling enthusiasts, you can also take a morning bicycle ride up the mountains, breathe the fresh air, and enjoy the beautiful scenery.

More info: <http://www.swehchina.com>

Invitation: Prof. Zheng-qin Yin, Southwest Eye Hospital, Chongqing

E-mail: yanke@mail.tmmu.com.cn

THE 2007 ISCEV AWARDS AND HONOURS



UPCOMING ISCEV INTERNATIONAL SYMPOSIA:

10-15 July, 2008:
XLVI Symposium
Morgantown West
Virginia, USA

Scientific topics:
Correlation of Structure and Function
Low Vision and Electrophysiology

6-10 July, 2009:
XLVII Symposium,
Padova, Italy.

Scientific topics: Non-standard stimuli – their contributions to modern electrophysiology
New therapies – from photoreceptors to glaucoma

ISCEV information and events:

www.ISCEV.org

The 2007 **Eberhard Dodt Memorial Award** for an outstanding presentation at the ISCEV Symposium by a young scientist was awarded to **Dr Maja Sustar** (Ljubljana, Slovenia) for her presentation, “The photopic negative response of the flash ERG to broadband and monochromatic stimuli in glaucoma and controls”. The Awards panel also recognised Drs Kaoru Fujinami (Tokyo, Japan), Timothy Lai (Hong Kong) and Bijoy Nair (Chennai, India) for their highly commended presentations.

Professor Eberhart Zrenner delivered the second **Emiko Adach Award Lecture** giving us the first glimpse into a brighter future for those blind from retinal disease with his lecture “Restoring neuroretinal function: new potentials”

Congratulations **Prof William Dawson** winner of the **2007 Emiko Adachi Award** for contributions to science and for years of dedicated service to our Society. We look forward to the Award Lecture next year at our Symposium in Morgantown, USA. Congratulations to **Prof Yozo Miyake**, a new honorary ISCEV member.

2008 NOMINATIONS OPEN FOR ISCEV BOARD OF DIRECTORS:

Director of International Communications: Dr David Keating has served one term

Director of Standards: Dr Mitchell Brigell has served one term

Member-at-Large: Prof Masiyaki Horiguchi has served one term

Member-at-Large (no geographic restriction): open for election

2008 EMIKO ADACHI AWARD NOMINATION:

For an ISCEV Member for long service and outstanding contributions to science.

Regular or honorary members may nominate or be nominated for the award and Board positions. (Please send nominations and pertinent communication to the Secretary-General.)

ISCEV BOARD OF DIRECTORS

President:	Michael BACH michael.bach@uni-freiburg.de
Vice Presidents	
Europe/Africa:	Colin BARBER
Asia/Australia:	Atsushi MIZOTA
Americas:	Donald C HOOD (to Dec 2007)
Secretary-General:	Daphne L McCULLOCH dlmc@gcal.ac.uk
Treasurer:	Ulrich KELLNER iscev@retinascience.de
Editor-in-Chief:	Laura Frishman
Director of International Communications:	David KEATING
Director of Education:	Graham E HOLDER
Director of Standards:	Mitchell BRIGELL
Members-at Large:	Marko HAWLINA Masayuki HORIGUCHI Mineo KONDO Pierre LACHAPELLE A Patriza TORMENE Carol Westall