



October 2011

# ISCEV News Extra



From the  
Secretary-General

The ISCEV News Extra is the annual update to the Newsletter of the International Society for Clinical Electrophysiology of Vision with information for elections and highlights of the annual meetings held during the XLIX ISCEV International Symposium in Lac Beauport, Québec, Canada.

## 2011 ISCEV ELECTIONS

The ISCEV members present at the annual membership meeting, 15 Sept 2011, voted to select two candidates for the short-list for a new ISCEV president. They will stand together with their nominated Secretary-General (pages 2–5); there are two nominees for the open position of ISCEV member-at-large (pages 6 & 7). Finally, congratulations to Prof Carol Westall (elected unopposed) for a second term as Board member-at-large.

Two generous invitations have been extended for the 52<sup>nd</sup> ISCEV International Symposium in the Americas in 2014 (pages 8 & 9). Numbered ballots have been sent by email to ISCEV voting members. For details of ISCEV procedures see [www.ISCEV.org/varia/bylaws.html](http://www.ISCEV.org/varia/bylaws.html).

**Voting Deadline: 15 November 2011. Please use your vote!**

## ISCEV STANDARDS AND GUIDELINES

ISCEV members voted to accept a new **ISCEV Standard for multifocal electroretinography (mfERG)** based on the final draft circulated by Don Hood, Chair of the mfERG standard committee, with minor changes arising from consultation online and at the symposium. This will be published soon and will supersede the existing mfERG guidelines. A committee chaired by Michael Bach has begun work to update the **ISCEV Standard for pattern electroretinography** in 2012. Working parties planning **Extended Protocols** for specialist testing and clinical trials are encouraged to progress through the stages of drafting and consultation. Guidelines for obtaining ISCEV approval for extended protocols can be downloaded from the ISCEV website.

## NEWS FROM THE ISCEV BOARD OF DIRECTORS MEETING

The Board received the report of the Symposium Review Committee, Chaired by Colin Barber, and is taking steps to limit the costs of future ISCEV International Symposia. This includes keeping the symposium within a four-day period, updating the symposium guidelines and establishing preliminary costing ahead of the selection of a symposium site.

An *ad hoc* committee was appointed to review the ISCEV activities and expenditure more broadly and to assess cost effectiveness: Ulrich Kellner (chair, ISCEV treasurer), Colin Barber (VP Europe and Africa), Michael Bach (outgoing president), Karen Holopigian and David Sculfor (auditors).

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**Professor A Patrizia Tormene MD**, Candidate for ISCEV President



### Personal Statement:

I am deeply honoured to be nominated for the position of ISCEV President. I have been an ISCEV member since 1983, when I finished my specialisation in ophthalmology at Padova University in Italy. Over the years, I have become more and more involved with the work of the Society: I have served two terms on the Board; I have worked with the VEP Standard Committee and on the Editorial Board of *Documenta Ophthalmologica*, as well as organising and teaching in two ISCEV approved courses in Padova and organising the 2009 ISCEV Symposium in Padova/Abano Terme.

Since 1983 I have seen many changes: improvements in instrumentation, improvements in the specificity of our tests, and standardisation of the basic tests alongside continuing research on other stimuli and methods; the advent of the internet, Cevnet, ISCEV wiki site, and the improvement of our journal, *Documenta Ophthalmologica*.

Now electrophysiology of vision must face new challenges:

- Increasing the connection between basic science and clinical studies by fostering discussion between basic laboratories and clinicians.
- Focussing on young scientists by creating for them opportunities to know our science and our laboratories.
- Spreading knowledge of electrophysiology of vision science in different countries.
- Increasing the visibility of our journal, *Documenta Ophthalmologica*.
- Interfacing ISCEV culture with different branches of ophthalmic diagnosis.

These are just some of the points we intend to take up and develop in the future, if you vote for us: myself and Ruth Hamilton, a clinician–scientist team, as the new President and Secretary-General. We have been working on our proposed programme, which is outlined on the following page.

### Current Position:

Professor of Ophthalmology, Director of the Electrophysiology of Vision Laboratory, Ophthalmic Clinic, Padova University, Italy.

### Training and experience:

1978	MD Degree, Medical School (University of Padova)
1980	Dott. Alceste Mion Prize for <i>Electronystagmographic study of ocular nystagmus</i>
1982	Completed School of Specialization in Ophthalmology (University of Padova)
1982	Married Francesco Zaccaria; later two sons, Federico and Mario
1982	Research Professor at the University of Padova
1983-84	Visiting Assistant, St. Luke's Hospital, Milwaukee, USA
1983	Director of the Electrophysiology of Vision Laboratory, Ophthalmic Clinic, Padova University
Since 1982	Responsible for five teaching courses at the University of Padova
Since 2001	Secretary and Tutor at the School of Specialization in Ophthalmology, University of Padova
Since 2008	Professor of Ophthalmology, University of Padova
2006	ISCEV Board member-at-large for two terms
Since 2006	<i>Documenta Ophthalmologica</i> Board member
2004-2009	Member, VEP Standards Committee

**Selected publications** from over 130 in Italian, English and other languages:

- Ashworth JL, Kruse FE, Bachmann B, Tormene AP, Suppeij A, Parini R, Guffon N. Ocular manifestations in the mucopolysaccharidosis – a review. *Clin Exp Ophthalmol* 2010;38:12-22
- Odom JV, Bach M, Brigell M, Holder GE, McCulloch DL, Tormene AP, Vaegan. ISCEV standard for clinical visual evoked potentials (2009 update). *Doc Ophthalmol* 2010;120(1):111-9
- Castori M, Valente EM, Clementi M, Tormene AP, Brancati F, Caputo V, Dallapiccola B: A novel locus for autosomal dominant cone and cone-rod dystrophies maps to the 6p gene cluster of retinal dystrophies. *Invest Ophthalm Vis Sci* 2005;46(10):3539-44
- Tormene AP, Riva C, Fregona I, Chiozza ML. Clinical-economic audit of electrophysiologic examinations in ophthalmology. *Doc Ophthalmol* 1995;91(4):343-8

### Ruth Hamilton PhD, Patrizia Tormene's proposed Secretary-General



When Patrizia asked me to be Secretary-General to her Presidency, it was both easy and difficult to answer. Easy to say “yes” to Patrizia – we worked together in 2009 preparing for the Padova/Abano Terme Symposium, and I know her to be dedicated and professional, fiercely loyal to ISCEV and determined to continue to work hard for it and its members. Harder to say “yes” immediately to the possibility of being ISCEV’s Secretary-General. So I consulted Professors Barber and McCulloch, who know a thing or two about it, and then asked myself whether I could do this job, and what I could bring to the role. I considered carefully the commitment required of me, and so it took time to say “yes”, but it is a decision with which I am happy, and in which the membership can have confidence.

A little about me: following a physics degree and a Master’s in Bio-engineering, I worked as a desk-editor with Blackie’s Science. I began working at Glasgow’s Royal Hospital for Sick Children in 1996 as a research assistant. In 1997, I was appointed as a medical physicist in the British National Health Service to work across paediatric ophthalmological, audiological and neurological electrophysiology services. In 2003, I became a Consultant Clinical Scientist, and in 2005 was awarded a PhD by the University of Glasgow for research into the retinal development of preterm infants: I presented this work at ISCEV 2005, and was delighted that it won the Eberhard Dotd Memorial Award. Alongside my clinical work, I am an Honorary Research Fellow of Glasgow University’s School of Medicine, and represent Healthcare Science on several Scottish and UK committees.

In 2001, I first authored an ISCEV abstract, and have authored every year since. I first attended ISCEV at Bill Dawson’s 2004 Symposium in Puerto Rico, and was impressed by almost everything I saw there; on receiving a commendation from the Dotd Award Panel, I felt this was a Society I could grow to love! I was the local organiser for the courses at the Glasgow Symposium in 2005, and have attended seven of the last eight symposia. I worked with Patrizia’s team in 2009, preparing the programme, editing the abstract book as a Guest Editor for *Documenta*, and convening the Dotd Award Panel. I joined the British Society for Clinical Electrophysiology of Vision (BrisCEV) at its inauguration in 2003, and was elected to its Board in 2010 as Professional Liaison Officer; my role is to be the liaison with other visual and ophthalmological organisations in the UK. I am currently co-organising the innovative BrisCEV ‘Travelling Eyes’ project, which aims to quantify ERG variability across 18 British visual electrophysiology centres.

Patrizia’s Presidency will be based on spreading the ISCEV culture and improving the visibility of electrophysiology, as outlined on the previous page; our ideas for achieving this are below. My commitment is to support her and the Board by being the organising force delivering both the existing agenda and new proposals for the benefit of the membership. If you choose to vote for Patrizia, I promise to be a hard-working and organised Secretary-General.

#### Proposed programme of the Tormene–Hamilton team

1. To ensure a smooth transition and alignment with the existing Board and its committees, building on the excellent work of Professors Michael Bach and Daphne McCulloch.
2. To support the work of the Financial Review Committee led by Professor Ulrich Kellner.
3. To encourage fuller participation of younger members of ISCEV, specifically by:
  - Supporting Colin Barber’s committee’s work aiming for cheaper symposia, whilst retaining the essential spirit of ISCEV. Particular attention will be paid to input from young scientists, convened by Charlotte Poloschek.
  - Increasing the number of ISCEV-approved courses held across the world, the number of languages used for courses, and ISCEV participation at ophthalmic congresses worldwide. This will involve close working with the Director of Education and Training, and an increased number of members approved to teach.
4. Enhancing the visibility and value-for-money of Extended Laboratory Visits by requiring recipients to give presentations at the annual symposium which focus on what has changed as a result of the grant.
5. To work with the Director of International Communications to increase the visibility of ISCEV, specifically by:
  - Documenting topics in which ISCEV holds expertise, and advertising these via the web-site.
  - Giving ISCEV a presence on LinkedIn, Facebook and other networking media sites.
  - Introducing a brief e-newsletter containing a digest of ISCEV-related activities for circulation beyond the ISCEV membership, i.e. to ophthalmological societies and universities.
6. To build on Professor Laura Frishman’s continuing, excellent work with *Documenta Ophthalmologica*, specifically by:
  - Publishing global topics and reviews which interest worldwide audiences.
  - Continuing to encourage ISCEV members to publish work in our own journal.
  - Underlining the importance of spreading our Standards via up-to-date citations.
7. To work with the Director of Standards to continue the crucial work of the Standards Committees.

### Presidential Candidate

**Professor Graham E Holder, PhD**



Dear ISCEV Friends and Colleagues,

It is a great honour for me to present myself to you as a candidate for the Presidency of our Society. My path here was enabled by my presentation to the membership meeting, and what I now write is therefore based on that presentation. We face challenges in the coming years, particularly defending our role in the light of new imaging techniques, and as the President is the public face of the Society you may feel that academic achievements and recognition by the wider ophthalmic community are relevant factors when you make your choice.

**Current Position:** I am Director of Electrophysiology at Moorfields Eye Hospital, London where we have 6 adult and 2 paediatric ERG/VEP labs and see 60-100 patients per week. I am an Honorary Professor of University College London at the Institute of Ophthalmology. I am Consultant Clinical Neurophysiologist to Kings College Hospital. I am a Clinical Neurophysiology PhD by training.

**ISCEV History:** My first ISCEV was Amsterdam in 1980. The reception was held in the Reijs Museum, and to be able to wander amongst some of the world's masterpieces with a glass of good wine in my hand surrounded by very friendly people interested in visual electrophysiology made me realise that this was a Society to which I wished to belong! I have since missed only six meetings, two within the first 4 years of joining. I have been on the Board since 1999 and Director of Education since 2001.

**Academic:** 165 peer reviewed publications; 35 book chapters; co-author of the AAO Book (G A Fishman); co-author, Medical Retina CD Rom; Associate Editor, Heckenlively and Arden book.

**International Ophthalmic Recognition:** Alcon Research Award; Edridge Green medal; Past President of EVER (the European Association for Vision and Eye Research); Full member The Macula Society; Faculty Member, Basic Sciences in Ophthalmology Course, Columbia Medical School, New York; Chair, Visual System Guidelines Committee, International Federation of Clinical Neurophysiology.

**General Secretary:** Herbert Jagle, Professor of Paediatric Ophthalmology, University Eye Clinic, Regensburg, Germany. Herbert is a long-standing ISCEV member and is involved with the extended protocols. He and I have taught together for many years on the Munich Course in Electrophysiology, and have worked together on extended protocols.

**The future:** I already have considerable international lecturing experience and will continue: a) to promote the clinical use of visual electrophysiology; b) to emphasise the clinical integration of electrophysiology with imaging – we must embrace new techniques rather than fear them, and in many instances, such as the ring of increased autofluorescence that occurs in many RP patients, it has been electrophysiology that has explained the significance of unknown findings; c) to educate and attract junior members, particularly young doctors; and d) to continue the development of standards.

Thank you for taking time to read this.

Graham





### **Prof. Herbert Jägle – Candidate for General Secretary**

#### **Personal Statement:**

I am honoured to be considered as candidate for General Secretary of ISCEV. I am long-standing ISCEV member and presented at numerous meetings. For many years I organized a “hands-on” course on Clinical Electrophysiology in Tübingen and taught together with Graham Holder on the Munich Course in Electrophysiology. My special interest is on the use of electrophysiological techniques to study the mouse and human visual system, to characterize retinal pathways and for diagnosing retinal disease. Future directions are the development and establishment of new protocols and the integration of imaging methods for clinical application.

#### **Current Position:**

Professor of Paediatric Ophthalmology, University of Regensburg and Head of Paediatric and Neuro-Ophthalmology, Orbital and Hereditary Retinal Disease, University Eye Hospital, Regensburg.

#### **Training and Experience:**

Albert-Ludwigs-University Freiburg (Medicine), Eberhard-Karls-University Tübingen (MD), Research Fellow at the Dept of Pathophysiology of Vision & Neuro-Ophthalmology Tübingen, University Eye Hospital Tübingen (Ophthalmology), Fellow of the European Board of Ophthalmology

#### **Committees and Society Memberships:**

ARVO, ISCEV, American Academy of Ophthalmology, International Colour Vision Society, Optical Society of America, Deutsche Ophthalmologische Gesellschaft

#### **Selected Publications:**

Sharpe, L.T., Stockman, A., Jagla, W., Jägle, H. (2011) A luminous efficiency function  $V^*(\lambda)$ , for daylight adaptation: a correction. *Col Res Appl*, 36, 42 – 46.

Jägle, H., Zobor, D., Brauns, T. (2010) Accommodation limits induced optical defocus in defocus experiments. *Doc Ophthalmol*, 121(2):103-109.

Nagy, D., Schoenfish, B., Zrenner, E., Jägle, H. (2008) Long-term follow-up in Retinitis Pigmentosa (RP) patients using multifocal Electroretinography (mfERG). *Invest Ophthalmol Vis Sci*, 49, 4664-4671.

Kitiratschky, V.B., Nagy, D., Zabel, T., Zrenner, E., Wissinger, B., Kohl, S., Jägle, H. (2008) Cone and cone-rod dystrophy segregating in the same pedigree due to the same novel CRX gene mutation. *Br J Ophthalmol*, 92, 1086-1091.

Langrova, H., Jägle, H., Zrenner, E., Kurtenbach, A. (2007) The multifocal pattern electroretinogram (mfPERG) and cone isolating stimuli. *Visual Neurosci*, 24, 805-816.

Jägle, H., Heine, J., Kurtenbach, A. (2006) L:M-cone ratio estimates of the outer and inner retina and its impact on sex differences in ERG amplitudes. *Doc Ophthalmol*, 113, 105-113.

Kurtenbach, A., Heine, J., Jägle, H. (2004). The multifocal electroretinogram in trichomat and dichromat observers under cone isolating conditions. *Visual Neurosci*, 24, 249-255.

Tränkner, D.\*, Jägle, H.\*, Kohl, S.\*, Apfelstedt-Sylla, E., Sharpe, L.T., Kaupp, U.B., Zrenner, E., Seifert, R., Wissinger, B. (2004) Molecular basis of an inherited form of incomplete achromatopsia. *J Neurosci*, 24, 138-147.



### Personal Statement

*It's an honour and a pleasure to be nominated for a member at large position. I would do my best to promote the aims of ISCEV. ISCEV is a remarkable society; exceptionally friendly and welcoming. ISCEV members are generous in their support and advice and because of this many scientific and clinical collaborations flourish. From my first talk in Palermo ISCEV 1987 I have benefited from the encouragement and stimulation that ISCEV offers. It is important to me that ISCEV thrives and provides similar opportunities for others. I have been involved in clinical visual electrophysiology and clinical research for the last 20 years in a Children's Hospital. This brings unique challenges, but many rewards. Before this I was involved in academic research first in pattern electroretinography and then a Wellcome Vision Research fellowship in brain mapping specialised cortical visual areas. Over the last 10 years I have been fortunate to be able to promote clinical visual electrophysiology through invited lectures, research presentations and clinical talks at international and national meetings. I have been a member of the teaching faculty of ISCEV courses at the ISCEV annual meetings, at SOE, the European Society of Ophthalmology, and at Moorfields Eye Hospital. I was a founding member of BriSCEV, the British Chapter of ISCEV for which I am currently secretary. I have been involved with training junior scientists and promoting Clinical Visual Electrophysiology as a specialty of the Clinical Scientist Profession in the UK. I would work hard to promote the high standards and cross discipline co-operation that ISCEV has established, and to encourage younger membership of the society in clinical and experimental visual electrophysiology.*

### Current position

Consultant Clinical Scientist, The Tony Kriss Visual Electrophysiology Unit, Great Ormond Street Hospital for Children, & Honorary Senior Lecturer, Institute of Child Health, University College London, UK.

### Professional activity

National Assessor in Physiological Measurements: ACS, IPeM.

Section Editor *Eye* Electrophysiology, Reviewer for 8 scientific journals and 4 grant agencies,

### Training and Experience

PhD (1987) Spatial Tuning of the pattern ERG. Post-doc Fellowships, Leverhulme & Wellcome Trust

Clinical visual electrophysiology (1992 to present) Great Ormond Street Hospital for Children, London.

### Recent Publications

- Childhood onset autosomal recessive bestrophinopathy. Dev Borman A, Davidson AE, O'Sullivan J, Thompson DA, Robson AG, De Baere E, Black GCM, Webster AR, Holder GE, Leroy B, Manson FDC, Moore AT Archives of Ophthalmol 2011;129 (8):1088-1093
- Screening of SPATA7 in patients with Leber congenital amaurosis and severe childhood retinal dystrophy reveals disease causing mutations. Mackay DS, Ocaka LA, Borman AD, Sergouniotis PI, Henderson RH, Moradi P, Robson AG, Thompson DA, Webster AR, Moore AT. Invest Ophthalmol Vis Sci 2011;52(6):3032-8
- Altered electroretinograms in patients with KCNJ10 mutations and EAST syndrome. Thompson DA, Feather S, Stanescu HC, Freudenthal B, Zdebik AA, Warth R, Ognjanovic M, Hulton SA, Wassmer E, van't Hoff W, Russell-Eggitt I, Dobbie A, Sheridan E, Kleta R, Bockenhauer D J Physiol 2011; 589(7):1681-1690
- The Reproducibility of Binocular Pattern Reversal Visual Evoked Potentials: A single subject design Mellow TB, Liasis A, Lyons R, Thompson DA Doc Ophthalmol 2011;122:133-9
- Visual field loss in children with craniosynostosis Liasis A, Walters B, Thompson D, Smith K, Hayward R, Nischal KK Childs Nerv System 2011;8:1289-96.
- When do asymmetrical full-field pattern reversal visual evoked potentials indicate visual pathway dysfunction in children?
- Mellow TB, Liasis A, Lyons R, Thompson D Doc Ophthalmol 2011;122(1):9-18
- Lindfield D, Griffiths MF, Thompson DA, Moore AT Macular dystrophy in Kabuki syndrome: a new clinical feature? J Pediatr Ophthalmol Strabismus 2011;48:40-42
- Phenotypic variability in patients with retinal dystrophies due to mutations in CRB1. Henderson RH, Donna S Mackay DS, Li Z, Moradi P, Sergouniotis P, Russell-Eggitt I, Thompson DA, Robson AG, Holder GE, Webster AR, Moore AT. Br J Ophthalmol 2011; 95(6):811-7.
- Hereditary primary lateral sclerosis with cone dysfunction. Gore S, Carr L, Moore A, Thompson D Ophthalmic Genetics 2010;31:221-6
- Epilepsy, ataxia, sensorineural deafness, tubulopathy, and KCNJ10 mutations. Bockenhauer D, Feather S, Stanescu HC, Bandulik S, Zdebik AA, Reichold M, Tobin J, Lieberer E, Sterner C, Landouze G, Arora R, Sirimanna T, Thompson D, Cross JH, van't Hoff W, Al Masri O, Tullus K, Yeung S, Anikster Y, Klootwijk E, Hubank M, Dillon MJ, Heitzmann D, Arcos-Burgos M, Knepper MA, Dobbie A, Gahl WA, Warth R, Sheridan E, Kleta R. N Engl J Med. 2009 May 7;360(19):1960-70.

### Prof. Zheng Qin Yin - Candidate for Member-at-Large



#### **Personal Statement:**

I have been an ISCEV member since 1990 when the ISCEV meeting was held for the first time in China. For over 30 years, I focus on clinical ophthalmology and basic research. Electrophysiology, pediatric ophthalmology, strabismus and medical retina are my main specialties, which utilize electrophysiological techniques including ERG, VEP, unit recording, patch-clamp, molecular biology and cellular biology. These works are reflected by 68 peer reviewed publications. Since 2005, I have been the President of Visual Physiology and

Vision Science Committee in China. Since then I have organized annual clinical and experimental continuing education symposia in China and teaching courses at the annual Chinese National Ophthalmology Congresses that attracts 300-400 delegates. Meanwhile, I actively organized communications between ophthalmology society, visual science society and neurology society in China. Through these efforts, I have promoted ISCEV standards in China, and helped the standardization of Chinese electrophysiology manufactures. As member at large, I will help generate enthusiastic and creative ideas for the development of ISCEV, promote more communications of clinical electrophysiology, visual science and ophthalmology within China and around the world.

#### **Current position:**

- Director and Professor of Southwest Eye Hospital/ Southwest Hospital, Third Military Medical University, Chongqing, China
- Director and Professor of Department of Ophthalmology, General Hospital of PLA, Beijing, China
- Director of Chongqing Institute of Retina (Key lab of Chongqing) in China
- Conjunctive Professor of Biomedical engineering, Chongqing University, China

#### **Training and Experience:**

- 1986      M.D.    West China University of Medical Science, China  
1989      PhD.    Shanghai Institute of physiology, Academy of Sciences, China  
1992-1997 Postdoctoral Fellow and Research Office in Department of Ophthalmology,  
School of Optometry, New South Wales University, and University of Sydney, Australia  
1999-      Professor of Ophthalmology, Southwest Eye Hospital / Southwest Hospital,  
Third Military Medical University, Chongqing, China

#### **Committees and Society Memberships**

Executive Board Member of Chinese Ophthalmology Society  
Vice-President of Chinese Association of woman Ophthalmologist  
President of Visual Physiology and Vision Science Committee in China  
Membership of: ARVO, American Academy of Ophthalmology, APAO

#### **Selected Publications: (Total 161 papers, 68 publication in English)**

1. Yin, Z.Q., Li, C.Y., Pe, X, Vaegan and Fang., X.Q: Development of pattern ERG and pattern VEP spatial resolution in kittens with unilateral esotropia. *IOVS* 35:626-634, 1994
2. Li-Feng Chen, Z.Q. Yin (CA), Shan Chen, Zhong-Shan Chen, Cultured stem cells from embryonic rat retina differentiate and produce action potentials in vitro. *IOVS* 2008 49: 5144-5150
3. Q. Jian, Z.Q. Yin (CA), et al. Activation of retinal stem cells in the proliferating marginal region of RCS rats during development of retinitis pigmentosa. *Neurosci Lett.*, 2009, 465:41-44
4. S.J. Huo, Y.Li, G.Raisman, Z.Q. Yin (CA) Transplanted olfactory ensheathing cells reduce the gliotic injury response of Müller cells in a rat model of retinitis pigmentosa. *Brain Research* 2011,1382:238-24





It is my pleasure to invite ISCEV to Boston for the 52<sup>nd</sup> annual Symposium in 2014. The meeting is planned to take place during the 2<sup>nd</sup> or 3<sup>rd</sup> week of July at the Joseph B. Martin Conference Center on the campus of Harvard Medical School. This is a state of the art facility that is perfectly suited for an ISCEV meeting. The location is also in the heart of Boston, which will enable attendees to explore one of the USA's finest cities, renowned historically (the initiation of the American Revolution), academically and medically (Harvard University, MIT, Massachusetts General Hospital) and artistically (Boston Symphony, Museum of Fine Arts). Boston is a great place to be in the summer with walks along the Charles River, shopping on Newbury Street, and outdoor cafes. All of these activities are easily accessible from the conference site.



A wide range of accommodations are available. For the budget minded, we have arranged with Simmons College to have access to their dormitories. These are arranged of suites of 2–3 bedrooms with a common living room and bathroom. They are air-conditioned and are located 2 blocks from the Conference center. These suites cost ~ \$200 per night, and so are quite economical on a per person basis. Local hotels cost \$180–\$225 per night. There are also a variety of

Bed and Breakfast's in the area. I anticipate the registration fee to be ~\$750 which would cover a welcome reception, all lunches, a half-day bus tour of Boston, a banquet at the Museum of Science overlooking the Charles River, and fees for Alteri Events who will help with meeting planning and coordination.

Boston is easily accessible by airplane through Logan International Airport. Direct flights from Frankfurt, Germany cost ~\$1500; from London, UK ~\$1100, from Tokyo or Beijing (with 1 stop) ~\$2000.

On behalf of the organizing committee, it is my pleasure to invite you to Boston in 2014.

Sincerely, *Mitch Brigell*

Committee:

*Ann Fulton, Karen Holopigian, Mary Johnson, Jonathan Lyons, Anne Moskowitz*

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## LII ISCEV SYMPOSIUM INVITATION – BRAZIL

*It is an honor for us to invite ISCEV members to the 2014 Annual Symposium in São Paulo – Guarujá – Brazil!*

### Brazilian ISCEV member organizer: Prof. Dr. André Messias

University of São Paulo - Ribeirão Preto

Department of Ophthalmology, Otorhinolaryngology, Head and Neck Surgery.

### Suggested dates: 14-18 September 2014 (Sunday evening through Thursday)

In early spring time, we have great tropical weather with temperatures between 19°C (66°F) and 24°C (75°F).

### There are several reasons why ISCEV Symposium 2014 should be in Brazil

There was never an ISCEV meeting in South America!

There is a growing interest in visual electrophysiology in Brazil, many research laboratories and clinicians (veterinarians and ophthalmologists) are enthusiastic to learn more about clinical electrophysiology of vision. Brazil has more than 12,000 ophthalmologists, and we expect ~400 attendants to our symposium.

### Guarujá is the best Brazilian city to host our symposium

It is the nearest beach of São Paulo city, one of the most beautiful locations of our coast.

Guarujá is an island, known as the Atlantic Pearl, located 70 km from the city of São Paulo, and 110 km from São Paulo international airport (Guarulhos).

Guarujá has successfully hosted several international meetings, and is a member of the ICCA (International Congress Convention Associates). It is a city with several options of leisure, culture, and gastronomy. In the Guinness's Book, Guarujá is known as "The biggest beach garden in the world", with 27 beaches, and 20 km of white sand and sea.

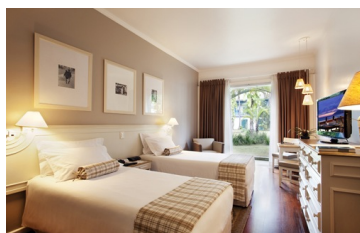
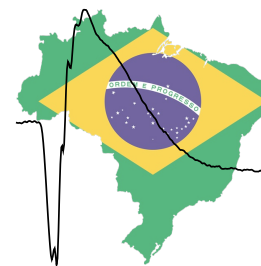
The city offers several social programs, as boat tours, sea sports, ecotourism, Atlantic Forest canoeing and walking, trips to Santos (few minutes), which is the biggest Latin American Seaport, with the biggest South America Aquarium, and a famous Brazilian soccer team (where Pelé played!).

### Casa Grande Hotel Resort & Spa is the perfect venue

A sophisticated five-stars hotel, seafloor, with 268 rooms, is one of the few Brazilian resorts to be part of "Green Hotels Association" and "The leading Hotels of the World".

The Hotel's Convention Center (3,300 m<sup>2</sup>) has fully air-conditioned rooms for up to 1000 people, with modular rooms that can be altered according to event size.

The resort's facilities include 9 choices of restaurants and bars, swimming pools, tennis, volleyball and football (soccer) courts, gym, sauna, kids activities and the appraised Spa MED.



### We want to host ISCEV members with excellence and low costs

#### Symposium Registration: USD 460

Including scientific program and lectures, abstract book, conference bag, coffee breaks, a cocktail, and the closing dinner, which will be a Brazilian-style party with live samba show.

#### Registration + daily lunches: USD 628

Including lunches with soft drinks at the Casa Grande Hotel

Accompanying person: no registration fee, optional social events and meal package.

Transfers (offered by the organizers) between the airports in São Paulo and the venue: **USD 50 by bus.**

Meals at Casa Grande Hotel (venue): USD 42, with soft drinks. Guarujá has 67 restaurants with several options of prices and cuisines. Walking distance restaurants from the venue starting at USD 20.

#### Accommodation in Guarujá is cheaper than in São Paulo city.

Room rate at Casa Grande Hotel (Venue): USD 170 with breakfast, leisure and facilities. There are 69 hotels in Guarujá: low budget hotels at walking distance from the venue cost USD 70.

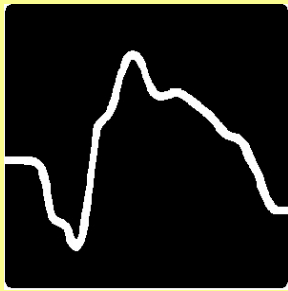
Sightseeing goes from USD 20 to USD 70.



Prof. Dr. André Messias - [amessias@usp.br](mailto:amessias@usp.br)  
Faculdade de Medicina de Ribeirão Preto - USP  
Av. Bandeirantes, 3900 - ZIP: 14049-900  
Ribeirão Preto - SP - Brazil



Brazilian company organizer: Mrs. Paula Kara José, director of Creative Solution. A company that has been organizing medical conferences for more than 10 years in Brazil and has organized more than 30 congresses in Ophthalmology.



#### UPCOMING ISCEV INTERNATIONAL SYMPOSIA:



**June 2012:**

**50<sup>th</sup> ISCEV International Symposium  
Valencia, Spain.**

**2013: Chongqing,  
China**

**2014: See preceding  
pages for invitations  
and use your vote!**

ISCEV information and  
events:

[www.ISCEV.org](http://www.ISCEV.org)

#### THE 2010 ISCEV AWARDS AND HONOURS

The 2011 **Eberhard Dodt Memorial Award** for an outstanding presentation at the ISCEV Symposium by a young scientist was awarded to **Ajoy Vincent** (Toronto, Canada) for his presentation, "*The characterization of specific retinal phenotype in C1QTNF5 related late onset retinal degeneration*". The Awards Committee also commended Kaoru Fujinami (Tokyo/London), Joelle Lavoie (Québec City) and So-banawartiny Wijeakumar (Glasgow) for their excellent presentations.

**Prof Geoffrey Arden** delivered the sixth **Emiko Adachi Award Lecture** giving us his engaging account of his most recent research into "*The pathophysiology and treatment of Diabetic Retinopathy*" in the lovely Manoir Montmorency beside the spectacular Chute Montmerency (left).

Congratulations, **Prof Paul Sieving**, who was awarded the seventh **Emiko Adachi Award**, for contributions to science and service to ISCEV. We look forward to his Lecture at the 50<sup>th</sup> ISCEV Symposium in Valencia.

Prof Gerald Fishman presented the first **William W Dawson Memorial Keynote Lecture** with a captivating presentation, "*Has electrophysiologic testing become obsolete?*" We were pleased that Judyth Dawson joined the symposium and introduced the lecture, which she created as a memorial to our dear colleague and friend.

#### ISCEV GRANTS

The 2010 ISCEV small grants programme supported a collaborative visit by Padjima Rani (Hyderabad, India) to Anne Fulton (Boston, USA) to study neonatal and infant ERGs. In addition, the "BriSCEV Travelling Eyes" inter-laboratory ERG standardization project is ongoing with 15 participating laboratories in UK.

New awards in 2011 will support Shiyang Li (Chongqing, China) to study ethambutol toxicity in London, UK and Eccevarria Hernandez (Havana, Cuba) to investigate mfERG in maculopathy in Ljubljana, Slovenia.

ISCEV awarded seven travel grants to worthy applicants in partial support of their contributions to the 2011 ISCEV Symposium in Québec, Canada.

#### ISCEV BOARD OF DIRECTORS

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