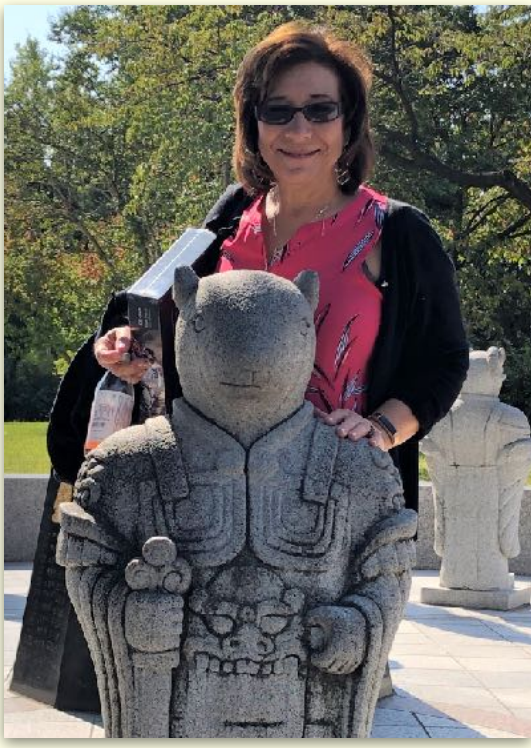
ISCEV News Extra 2019

Message from the Secretary-General



Dear ISCEV community,

I have just returned from the 57th annual ISCEV meeting in Seoul, South Korea, where I enjoyed the science and fellowship of many fellow ISCEV-ers. The meeting this year was in a wonderful venue, it was extremely well organized, and everything ran very smoothly. The city was beautiful, clean and was easy to explore. The food was extraordinary! Every meal had an incredible array of options; both traditional Korean selections and non-traditional choices. As well, the scientific presentations were quite impressive and the invited talks were excellent. Kudos to our hosts and the organizing committees for all of their hard work! More details will be provided in the full Newsletter next year.

During the 2019 Membership Meeting, several election items were discussed and reviewed. One item was for the position of Vice President of the Americas, however the incumbent was willing to stand again and there were no further nominations from the floor. The membership also heard statements from candidates for the position of President of ISCEV; via membership vote, the number of candidates was narrowed to a slate of two; you may read their statements further in this NewsXtra. Paid members will have the opportunity to vote via an e-ballot. In addition, there were presentations for the 2022 Symposium venue. Details about the two highest ranked locations are also presented below as information for the e-ballot. Please read these to be well informed for the voting! Also, please pay your annual dues, if you have not done so yet this year, so you will receive an e-ballot to vote.

I look forward to seeing many of my ISCEV friends at the ISCEV@ARVO meeting in Baltimore in May, 2020 as well as at the 58th Annual Symposium in Canada in September, 2020. I hope to see you there!

Respectfully, Karen Holopigian, ISCEV Secretary General

The Director of International Communications

Dear ISCEV members, friends and colleagues:

Now you can influence ISCEV by your vote again. This newsletter contains 2 Presidential Candidate statements and 2 choices for the Symposium Site 2022. For voting we will use e-vote again, as this worked very well so far. All paid members will receive voting details ≈ in a week. The “paid” status means you have paid the membership dues for 2018 and/or 2019.

How to pay the membership dues? There are currently 2 ways, details are here:

https://iscev.wildapricot.org/DuesPayment

Said page is also accessible from the ISCEV homepage, right yellow box, near bottom, “Membership Dues Payment”.
In case of any questions or problems, please contact me:

michael.bach@uni-freiburg.de

With my best Season’s Greetings to you,

Michael Bach, ISCEV DoIC

Future Symposia

58th ISCEV Symposium and Courses: 2020: Les Îles-de-la-Madeleine (Magdalen Islands), Quebec, Canada

Dates

Symposium 12–16 Sep 2020, Courses, 10–11 Sep 2020. Organizers: Pierre Lachapelle, Allison Dorfman, Anna Polosa and team; Symposium Coordinator: Ruth Hamilton.

Information about the upcoming (2020) Symposium

Some suggested methods of travel include Air Canada (3 regular flights per day; capacity of 50 people per flight) via Montreal (YUL) or Québec, Gaspé or Pascan Aviation (2 regular flights per day; capacity of 15 people per flight) via St-Hubert (YHU). Flight costs range from $300 (NY to Montreal), $600 (London, Paris or San Francisco to Montreal), $1200 (Tokyo or Sydney to Montreal). After Montreal, there are various ways to get to the destination including additional flights or a ferry.

More information will be provided on the website: https://iscev2020.ca/

Accommodation

For accommodations, ISCEV will be taking over the beachfront property of the Château Madelinot and Auberge Madeli property (at a competitive price). There will be other inns and hotels available as well. Fees for both room and all three meals will be approximately U$200.00 per day. Registration fees should be in the range of that paid for recent ISCEV meetings (i.e., approximately $550.00 USD for full ISCEV members and $400.00 USD for younger members).

59th ISCEV Symposium and Courses: 2021: Liverpool, England

Dates

Symposium 4–7 Aug 2021, Courses 2-3 Aug 2021. Organizers: Tony Fisher & BriSCEV; Symposium Coordinators: Richard Smith and Colin Barber.

Travel

How can you travel to Liverpool? From Europe via the John Lennon Airport, Liverpool with budget carriers (RyanAir, EasyJet). From ‘The World’ via Liverpool & Manchester International (25 miles from Liverpool). From London via 2 hour high-speed train. Liverpool and Manchester International Airport is the cheapest hub for air travel in the World.

More

Your invitation is from BriSCEV and your hosts are Liverpool. It is a university city with 25 thousand students in 4 universities. There will be >600 available rooms at the venue, with other hotel options as well.

There are many resources for this Symposium, including the Medical Physics & Clinical Engineering at Royal Liverpool University Hospital (RLBUHT), the Dept of Physics, University of Liverpool, the School of Clinical Science, University of Liverpool, the Clinical Eye Research Centre and St. Paul’s Eye Unit, the Merseyside Training Consortium for Medical Physics and Clinical Engineering, the City of Liverpool and BriSCEV.

Awards:

Emiko Adachi Award

The Emiko Adachi awards for 2019 and 2020 were presented to two outstanding ISCEV members this year, Mitchell Brigell and Pierre Lachapelle. The award lectures will be presented in 2020 (Mitchell Brigell) and 2021 (Pierre Lachapelle).

Dawson Award

The 2019 Dawson award was presented by Professor Hyeong Gon Yu from Seoul National University College of Medicine and Seoul National University Hospital, Seoul, South Korea. His talk was entitled: 'Genetic screening and clinical characterization for inherited retinal disease.'

Dodt Award

The 2019 Dodt award was presented to Oliver Marmoy from the United Kingdom for his presentation on 'Diagnosing hemianopic field defects through the differing generators of the pattern onset and offset VEP'.

The Marmor Award

There was one 2019 winner of the Marmor Award for an initial innovative project. This award went to the project entitled: 'Predictive value of the flicker ERG in patients with diabetic retinopathy' and the winners were Mitchell Brigell and Quentin Davis. There was one follow-up award winner (given two years after the initial presentation). This award went to John Hetling, Shresta Patangay, Jason Park, J. Jason McAnany, Brett G. Jeffrey and co-workers for their work on: 'Development of a new commercial contact lens electrode'.

Travel Grants

Seven travel grants were awarded; some were funded with extra monies from the Dawson award, donated by Judyth Dawson.

Elections

Vice-President for the Americas

Professor Laura Frishman has nearly completed one term and is eligible and willing to stand for a second term. There were no further nominations from the floor. The membership approved unanimously Laura's re-election for a second term.

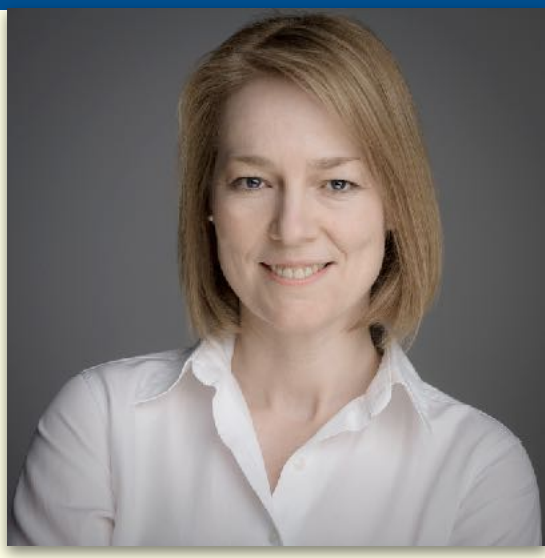
President of ISCEV

Professor A. Patrizia Tormene has nearly completed her second term as President of ISCEV. Two candidates were selected to go forward to an e-vote for President. These candidates are Professor Ruth Hamilton and Professor Shuichi Yamamoto. The candidate statements are provided in this NewsXtra as information prior to the e-vote.

Location for the 2022 Symposium

Two locations were selected to go forward to an e-vote for the Symposium location in 2022. These locations are Kyoto, Japan, presented by Professor Masayuki Horiguchi and Bangkok, Thailand presented by Professor Tharikarn Sujirakul. Information on each location is provided in this NewsXtra.

Candidate statement [ISCEV President]
Ruth Hamilton



I feel privileged to be standing for the presidency of ISCEV, and I would first like to pay tribute to Professor Patrizia Tormene, her 8 years of service, her intellect, her philanthropy and her personal integrity.

Fourteen years ago, ISCEV came to Glasgow, my home city and my second ISCEV meeting. I won the Dodt Award that year, and some people I met at my first ISCEV became my friends. ISCEV members talk a lot about the importance of these friendships, and they are right to do so. They mean that our next grant application, or next paper, or next stage of development of our device, or next patient test session is better than it might otherwise have been, because of the ISCEV network and its accessibility.

About me: my degrees are physics BSc, bioengineering MSc and PhD (ERGs in retinopathy of prematurity). I am a clinical scientist, a profession which trains scientists to work in a clinical setting; in my case, the children's hospital in Glasgow, UK where I run the paediatric visual electrophysiology service. I also work in areas such as audiology, home sleep monitoring and neonatal oxygen saturation, great for cross-fertilisation of ideas: my ORCiD record is here.

Why might you vote for me? I believe I am able perform the role of President. I spent five years as Secretary-General learning the Society and its processes inside out, and remained on the Board as Symposia Coordinator. I have taught on the ISCEV course since 2015, I know our journal and the publication process, and I understand the cycle of our Standards and have co-authored some of their revisions.

I also have a vision for the future of this Society. I would like to lead us to 2024, working to respond to the changes driving modern healthcare. I strongly believe that our tests need to be quicker, easier and less onerous for our patients; diagnostically more robust; and more available to those who need them but cannot access them. These changes already have strong support across the Society, not least from our commercial members – many abstracts presented in Seoul focussed on achieving one of these objectives, and their number increases year on year; such innovations can now win the Marmor award, as my team did in 2017.

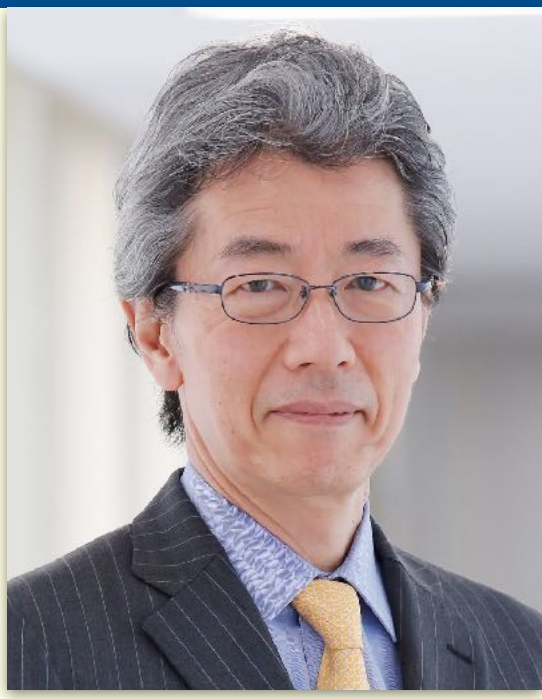
I sometimes hear that electrophysiology is becoming a niche specialty. This is untrue–its use in animal models, human deep phenotyping and as outcome measures in clinical trials is increasing, not decreasing. What I do believe is that clinical electrophysiology risks being marginalised unless we change. Healthcare is changing, and differently across the world. What should clinical electrophysiology look like as we move away from episodic, illness-driven healthcare encounters towards universal genotyping for susceptibility to ophthalmic disease? What should it look like in developing economies or in remote communities? What should it look like in a data-driven world, and an imaging-driven world? I suggest that our service delivery model needs to diversify. Not all testing should be delivered in lengthy sessions at specialist centres, although that will always be required. Not all patients should undergo every test on the menu. We need alternative, accessible ways to deliver and market our invaluable and essential tests. Changes are already happening and more will come, driven by technical innovations such as wireless electrodes and hand-held systems. I propose to set up an ISCEV taskforce to improve diagnostic robustness via harmonised reference data.

ISCEV excels at two key things. Our standards mean that an ERG is the same the world over, a standardisation achieved by very few tests in healthcare. Secondly, ISCEV excels at Education: our members hold all the knowledge needed to run a competent visual electrophysiology service, and they share it via our worldwide courses. I anticipate that we will need dual-stream education: technically comprehensive but clinically lighter, and vice versa, and the Board are already working on this strategy for US-based electrophysiology.

Not least, I propose ISCEV could reduce its carbon footprint, particularly for air flights for annual meetings: for me, it is a responsible step to consider how this could be at least partly offset.

I'm delighted that Karen Holopigian has agreed to stay on as Secretary-General if I am elected as President. I believe we would be a team that is good for ISCEV, and I humbly ask you to consider voting for me.

Candidate statement [ISCEV President]
Shuichi Yamamoto



It is my great honor to be nominated as one of candidates for the next president of ISCEV. I have been a member of this society since 1984, and my first paper presentation was at the Stockholm ISCEV in 1984. Since then I have submitted abstracts for almost every annual meeting of ISCEV. I have worked with the ERG standard committee and on the Editorial Board of Documenta Ophthalmologica. I also have served on the ISCEV board as a Vice President for Asia/Australia from 2010 to 2018, and as a Symposium Coordinator for the 2019 Seoul ISCEV. I have organized ISCEV symposium every year at the APAO meeting with the help of ISCEV members, and the number of attendees of the ISCEV@APAO was increasing.

During my 35 years carrier as an ophthalmologist, I have focused on the diagnosis and management of retinal diseases. After completion of ophthalmology residency, I became a post graduate student and received PhD by doing research of pattern VEP supervised by Prof. Emiko Adachi. I went to Columbia University in New York City, and spent exciting years in the laboratory of Prof. Peter Gouras for S-cone ERG research and retinal transplantation research.

I have realized that many eye doctors treat the retina just as a tissue membrane without recognizing its elaborate structure and marvellous functions. Therefore, in addition to do researches to study electrophysiology in retinal and macular diseases, and I have dedicated to spread these knowledges among doctors in East Asia.

Electrophysiology is still the only objective method to access the visual function even in the era of multimodal imaging, and the importance of electrophysiology in clinical practice as well as in research is continually increasing along with other recent advance in retinal diseases. However, interest in electrophysiology among ophthalmologists have not be increasing parallelly, instead almost fading. As Prof. Miyake mentioned during his fantastic lecture at the Seoul ISCEV meeting, the benefits of electrodiagnosis can be delivered to patients only when ophthalmologists realize its necessity on patients. We must actively encourage ophthalmologists to promote clinical electrophysiology, and help them to create local societies in each country, especially Asian region. I am confident that ISCEV should continuously appeal to various societies of ophthalmologists the importance and necessity of electrophysiology for the ophthalmology practice.

Also, we need to continue rejuvenation of ISCEV, by encouraging young ophthalmologists and scientists to enjoy the scientific and friendly atmosphere of our society. We may be able to accelerate the rejuvenation by shortening the terms of Board Members.

Current Position: Vice President of Chiba University, Director-General of Chiba University Hospital; Professor and Chairman, Department of Ophthalmology and & Science, Chiba University Graduate School of Medicine.

Training and Experience:

1983	MD, Chiba University School of Medicine
1989	PhD, Chiba University Graduate School of Medicine
1990	Assistant Professor, Toyama Med and Pharm University
1991–93	Research Scientist, Harkness Eye Institute, Columbia University, NYC
1997	Associate Professor, Toho University Hospital at Sakura
2001	Professor, Toho University Hospital at Sakura
2003–	Professor and Chairman, Dpt. of Ophthalmology & Visual Science, Chiba University Graduate School of Medicine
2014–	Vice President of Chiba University, Director-General of Chiba University Hospital

Selected publications from over 300 in English and Japanese:

Yamamoto S, Du J, Gouras P, Kjeldbye H. Retinal pigment epithelial transplants and retinal function in RCS rats. Invest Ophthalmol Vis Sci 1993;34:3068-75

Yamamoto S, Gouras P, Lopez R. The focal cone electroretinogram. Vision Research 1995;35:1641-9

Yamamoto S, Kamiyama M, Nitta K, Yamada T, Hayasaka S. Selective reduction of the S-cone electroretinogram in diabetes. Br J Ophthalmol 1996;80:973-5

Yamamoto S, Yamamoto T, Hayashi M, Takeuchi S. Morphological and functional analyses of diabetic macular edema by optical coherence tomography and multifocal electroretinograms. Graefe Arch Clin Exp Ophthalmol 2001;239:96-101

Yamamoto S, Hayashi M, Tsuruoka M, Ogata K, Tsukahara I, Yamamoto T, Takeuchi S. Selective reduction of S-cone response and on-response in the cone electroretinograms of patients with X-linked retinoschisis. Graefe Arch Clin Exp Ophthalmol 2001;240:457-60

Marmor MF, Holder GE, Seeliger MW, Yamamoto S. Standard for clinical electroretinography (2004 update). Doc Ophthalmol 2004;108:107-14

Yamamoto S, Yamamoto T, Ogata K, Hoshino A, Sato E, Mizunoya S. Morphological and functional changes of the macula after vitrectomy and creation of posterior vitreous detachment in eyes with diabetic macular edema. Doc Ophthalmol 2004;109:249–53

Ogata K, Yamamoto S, Mitamura Y, Sugawara T, Mizunoya S. Changes in multifocal oscillatory potentials after internal limiting membrane removal for macular hole. Doc Ophthalmol 2007;114:75-81

Kato F, Miura G, Shirato S, Sato E, Yamamoto S. Correlation between N2 amplitude of multifocal ERGs and retinal sensitivity and retinal nerve fiber layer thickness in glaucomatous eyes. Doc Ophthalmol 2015;131:197-206

Miura G, Sugawara T, Kawasaki Y, Tatsumi T, Nizawa T, Baba T, Hanaoka H, Yamamoto S. Clinical trial to evaluate safety and efficacy of transdermal electrical stimulation on visual functions of patients with retinitis pigmentosa. Scientific Reports 2019;9:11668

2022 Symposium Invitation to Bangkok, Thailand

Host

The Royal College of Ophthalmologists of Thailand, Thailand Convention and Exhibition Bureau. President: Associated Professor Anuchit Poonyathalang

Suggested dates

16–17 November 2022: course, 18–21 November 2022: main symposium. The weather is nice and sunny during that time, the temperature falls between 21C (70F) – 34C (93F) in Bangkok.

Why Thailand

- Easy accessibility with its capital Bangkok as an important aviation hub.
- Visa-friendly country Visitors from 64 countries and special administrative Region are automatically granted permission to enter the Kingdom of Thailand. Additional of 18 countries can apply for a "Visa on Arrival".
- Located in the center of South East Asia allowing delegates from nearby countries to participate the meeting. It is a great opportunity for ISCEV to expand the knowledge of electrophysiology to this part of the world.
- There are many iconic attractions which delegates and accompanying persons can spend vacation before or after the meeting. The southern part of Thailand has so many unspoiled tropical beach and island destinations or you can choose to enjoy verdant jungles, magnificent waterfalls, and elephant trekking in the northern part.

Proposed City: Bangkok

Bangkok was designated as the "World's Most Visited City" according to 2018 Master Card Global Destination Cities Index. The city also won the "Best Leisure Destination in Asia-Pacific" Award in 2018 by Business Traveler Magazine. There are great varieties of attractions in Bangkok, range from historical attractions such as palaces and temples with elaborate architectures and arts to modern attractions including museums and a wide array of shopping centers, from luxury malls to street markets. There are varieties of Thai food to be explored from street food market to Michelin star restaurants.

Venue and Accommodations

Centara Grand Hotel and Conventional Center is the most complete city center meetings and convention complex in the Bangkok. The venue offers multitude of options of meeting facilities as well as 505 hotel guestrooms. There is plentiful choice of 2 to 5-star hotels nearby the venue within walking distance such as St.Regis, intercontinental, Grand Hyatt, Holiday Inn, Novotel and Amari. The convention is easy reached by car, coach and BTS Sky Train connecting to MRT Underground, the venue provides superb accessibility to other areas in the city center and it is 33 km away from the airport.

Symposium registration

USD 600 – 650 per person

Social events

Delegate and accompanying persons can enjoy the Grand palace, the emerald Buddha, the museum Siam and a river cruise dinner along Chao-Phraya River.

2022 Symposium Invitation to Kyoto, Japan

It is my pleasure to invite ISCEV to Kyoto, Japan for the 60th annual Symposium in 2022. The reason why we choose Kyoto is Japan's most popular and quintessentially Japanese destination, tradition meets innovation, excellent accommodation options, easy access, dedication to sustainability and safety and security.

Organizer: Prof. Masayuki Horiguchi
The President of JSCEV
Professor and Chairman, Department of Ophthalmology, Fujita Health University School of Medicine

Proposed Dates:
Animal Courses and Human Courses: March 21st - 22nd, 2022
Symposium: March 23rd - 26th, 2022
In the end of March, we can enjoy the very beautiful plum tree and cherry blossom. The temperature is between 18℃(64℉) and 23℃ (73℉).

Proposed Venue: Kyoto International Conference Center (ICC Kyoto)

ICC Kyoto opened in 1966, as the first government - built international conference facility in Japan. It covers a vast site of 156,000 ㎡ that features Main Building, Annex Hall, Event Hall and a Japanese garden. Together with the adjoining hotel, the site serves as a state - of - the - art complex devoted exclusively to conferences. It takes only 20 minutes by subway from main station (Kyoto Station). Kyoto is often referred to as the "30 minutes city"; because most separate destinations can be reached within half an hour.

Accommodation:
A wide range of accommodations are available. Hotels are located on Kyoto City Subway routes, which means access to the city from ICC Kyoto is simple and convenient. It takes about 15 minutes by subway from each hotel. They offer a wide range of prices from around 92USD for a business class hotel to around 265 USD for a VIP class hotel. (The prices are for a room per night without meals, including tax and service fees.)

Registration Fee:


Heian Jingu Shrine

I anticipate the registration fee to be 550USD which would cover a welcome reception, all lunches, a half-day bus tour of Kyoto city, light reception at Grand Prince Hotel and Gala dinner at Heian Jingu Shrine with a luxurious view of the Shin-en Garden spread in front of you along with an interior that has been designed using traditional Japanese techniques.

Access to Japan (Kyoto): Japan is one of the closest destinations in Asia
It takes about 12 hours from Europe and 10 hours from USA west coast. The nearest international airport to Kyoto is the Kansai international airport. It takes 75 minutes from the airport and about 1 hour from Osaka international airport (Itami airport) to the Kyoto city, so there is no stress when travelling between the airport and the city center.

It is my great pleasure to invite you to Kyoto in 2022.

Sincerely, *Masayuki Horiguchi*