



## **Visual Neuroscience**

Visual Neuroscience will publish the proceedings of the XIX Symposium of ICVS. This is the third time that we have been fortunate to have our contributions published in the Journal, and the opportunity to present our results in an internationally recognized peer reviewed journal has been invaluable in increasing the visibility of the Society as a forum for articles on colour vision. This is the last year that Laura Frishman is acting as editor-in-chief for Visual Neuroscience, and would like to thank her for her we extraordinary support (and much hard work) in enabling our proceedings to appear. Ben Reese from UC Santa Barbara, previously Associate Editor, took the role over from Laura at the beginning of 2008. As everyone is aware, the format of scientific journal publishing has changed drastically in the last few years, with increased emphasis on weboriented material, and use of multiple means for making materials available to the reader. We can anticipate that Visual Neuroscience is going to fully participate in this sea change. For the Society, the opportunity to present material in color over the net, as well as on the printed page, will provide an opportunity to

communicate our (chromatic) results, which has been restricted in the past.

As guest Editor of the Belém proceedings, it has been apparent that the articles submitted have continued a trend begun in previous meetings. The percentage of presenters who have submitted a paper has decreased, but the length of many contributions has moved toward that of a full paper rather than a short note. We would anticipate that this trend might continue, with those members who wish to publish a full paper based on their presentations doing so, and those who are presenting work in progress having a citable Abstract. Decisions as to the future format of the Proceedings will have to be addressed by the Directorial Board and the Membership.

Independent of the Proceedings, we strongly encourage our members to submit their work to Visual Neuroscience, so that we may help to establish the journal as a premier locus for publication of quality colour-related research. We hope that it will be possible to continue our association with VNS, and wish Ben every success in his stewardship.

#### Prof. Barry Lee, PhD, Guest Editor, ICVS Belém Proceedings

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# ICVS

## Officers

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# Editorial

Dingcai Cao, PhD and Andrew J. Zele, PhD

#### **MESSAGE FROM THE GENERAL SECRETARY**

Steven Buck, PhD

Even though this is not a Symposium year for ICVS, several things are in progress for the group, including work on the 2009 ICVS Symposium in Braga, Portugal, and a revision of the By-Laws of the Society. Foremost, the election for five four-year positions on the



Directors' Board will be conducted from April 10 – 30, 2008. This is your chance to help shape the future of the Society, so please do take the time to vote for these positions.

The candidates for the positions were approved at the General Membership meeting during the 2007 Belem Symposium, and they are: John Barbur, Joe Carroll, Jan Kremers, Jay Neitz, Steve Shevell, Hannah Smithson, Hao Sun, Francoise Vienot, Jack Werner, and Qasim Zaidi.

Continuing Directors are Joel Pokorny (President), Steve Buck (General Secretary), Neil Parry (Membership Secretary and Treasurer), Stephen Dain, Kenji Kitahara, Ken Knoblauch, Barry Lee, and John Mollon.

Each member who is current in dues payments will receive an email message on April 10 with instructions and a link to a secure website on which to cast ballots. Up to 3 automatic reminder notices will be sent to those who have not yet voted, so cast your vote early. If you believe that your dues are paid up and have not received the abovementioned email by April 12, please email me at <u>sbuck@u.washington.edu</u>.

As was the case for the election two years ago, the present election will be conducted by means of a confidential survey website used here at University of Washington for various official elections. Your votes will be anonymous, even though I will be able to tell who has voted. Results will be announced in May.

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We are pleased to report that the final version of the ICVS website, www.icvs.info has been completed and the website is launched. It is the result of much work and direction from Joel Pokorny, Julie Bellanca, Dingcai Cao, Margaret Lutze and Andrew J. Zele. The website contains PDFs for all but two of the 108 issues of Daltoniona. They are an important historical reference for the Society's development and activities, and an interesting perspective of the changes in colour science that have occurred. Another significant resource is the collation of the contents pages of all ICVS publications. In the Membership section, you can regesiter or renew your membership.

Please do not hesitate to contact Dingcai Cao (<u>d-cao@uchicago.edu</u>), the developer of the site, for any comments about the site.

## **Treasury & Membership Secretary Report**



Neil Parry, PhD

I am pleased to report that the treasury is in a comfortable position. One of our major expenses is the cost of publishing the proceedings, but this has been kept quite low for the last few meetings. Consequently, we have been able to maintain

the membership fees at the same level for several years. It also meant that we were able to be particularly generous in our support of students attending the Belem meeting. We provided bursaries worth a total of approximately  $\pounds 8,200$  (\$16,800) to 18 students. There are a few more costs in the pipeline, particularly the Belem proceedings, but we should start next year with a balance in excess of  $\pounds 6,500$ .

With my membership secretary's hat on there is not much to report as we are mid- cycle. There are currently 112 paid-up or honorary members. The number would be slightly higher were it not for the fact that a very small handful of presenting authors have still not renewed or joined.

## Junior Member Profile: Cezar Akiyoshi Saito, PhD

Cezar Akiyoshi Saito received his BA in Computer Science at the Federal University of Para, Brazil, in 1999. During his undergraduate studies, he collaborated with Luiz Carlos Silveira and Barry Lee in electrophysiological measurements of the visual function of tropical primates. As a graduate student at Luiz Carlos Silveira's lab, he continued this research and he was awarded a Master's Degree in Neuroscience in 2003 and a PhD Degree in Neuroscience in 2007. The theme of his thesis was related to the temporal and spectral features of M and P ganglion cells of tropical primates.



Hear no thesis, speak no thesis, and see no thesis: Dr Saito celebrating the successful completion of his PhD with Dr Carlos (Advisor) and Dr Ribeiro.

Between 1996 and 1999 he assisted his advisor in practical classes of Visual Perception for medical undergraduates in the Department of Physiology. He also taught Biometry, Mathematics, and Scientific Methodology at the Institute of Biological Sciences of his university. He is now working with Luiz Carlos Silveira on the investigation of cortical and retinal alterations caused by tropical diseases and other pathologies using electrophysiological techniques. He has also been working amongst others with Dora Fix Ventura from the University of São Paulo (USP), Brazil, Jan Kremers from the Friedrich-Alexander Erlangen-Nürenberg University, Germany, Barry Lee from the SUNY College of Optometry, USA, on visual electrophysiology of tropical primates and other vertebrates.

#### Selected publications

- Costa LF, Bonci DMO, **Saito CA**, Rocha FAF, Silveira LCL, Ventura D F. Voronoi analysis uncovers relationship between mosaics of normally placed and displaced amacrine cells in the thraira retina. *Neuroinformatics* 5, 59-78, 2007.
- Souza GS, Gomes BD, **Saito CA**, da Silva Filho M., Silveira LCL. Spatial luminance contrast sensitivity measured with transient VEP: Comparison with psychophysics and evidence of multiple mechanisms. *Investigative Ophtalmology & Visual Science* 48, 3396-4304, 2007.
- Lima SMA, Ahnelt PK, Carvalho TO, Silveira JS, Rocha FAF, **Saito CA**, Silveira LCL. Horizontal cells in the retina of a diurnal rodent, the agouti (*Dasyprocta aguti*). *Visual Neuroscience* 22, 707-720, 2005.
- Silveira LCL, **Saito CA**, Lee BB, Kremers J, Silva Filho M, Kilavik BE, Yamada ES, Perry VH. Morphology and physiology of primate M- and P-cells. *Progress in Brain Research*, 144, 21-46, 2004.
- Kremers J, Stepien MW, Scholl HPN, **Saito CA.** Cone selective adaptation influences L- and M-cone driven signals in electroretinography and psychophysics. *Journal of Vision* 3, 146-160, 2003.

#### Minutes of the General Meeting ICVS 2005 Lyon, France

Highlights of the Directors' meeting of the ICVS, Lyon, France, July 8, 2005, by Ken Knoblauch and Steve Buck.

Treasurer and Membership Secretary Anne Kurtenbach reported that ICVS finances are in good shape. Two reasons cited are that paying dues for 2 years at a time has lowered the number of individuals not paying in off-meeting year and the costs for the proceedings have diminished over the last three meetings. Membership is relatively stable.

There was discussion of how to expand recognition of ICVS and how to keep it more visible between meetings. The group endorsed the idea of co-sponsoring other meetings, such as the clinical colour vision meeting organized by John Barbur and the OSA Fall Vision meeting, both of which were in fact co-sponsored by ICVS in fall 2005. More collaborations of this type are in the works. There was also discussion of establishing a clinical/tutorial meeting or satellite session at biennial symposia.

There was also recognition that we need to actively pursue new student members and support their long-term continuation, and that we need participation from both clinical and basic researchers. It was agreed that we should seek funding to continue to offer travel fellowships, which help to increase participation of young investigators and increase diversity of geographic representation. Steve Buck agreed to lead efforts devoted to strategic planning, including identifying emerging scientific specialties and individuals in those specialties who might be invited to join and contribute to the society, and identifying strategies for retaining current members.

Planning for the 2007 symposium - to be held in Belem, Brazil - is underway in the capable hands of Dora Ventura and Luis Silviera. For 2009 and beyond, Portugal and Norway are possibilities suggested by potential organizers.

Leadership transitions in the Directors and among the officers were discussed.

Continuing 4-year terms on the Directors' board are John Barbur, Steven Buck, Jay Neitz, Steven Shevell, Françoise Viénot, and Eberhart Zrenner. Directors not seeking re-election are Anne Kurtenbach and Jean Leid. Up for re-election are Stephen Dain, Kenji Kitahara, Ken Knoblauch, Barry Lee, and John D. Mollon.

Ken Knoblauch decided not to be considered for re-appointment to another term as General Secretary. The committee nominated Steven Buck. Anne Kurtenbach also decided not to be considered for re-appointment as Treasurer/Membership Secretary. The committee nominated Neil Parry. Andrew J. Zele and Dingcai Cao were endorsed for editing future issues of Daltoniana and exploring new uses of the website.

Ken Knoblauch was chosen to chair the committee for the next Verriest Medal selection committee. The rest of the committee will be composed of Jay Neitz, Steven Shevell, André Roth, Kenji Kitahara and Janice Nerger. The president, Joel Pokorny, serves in an ex-officio role. There were also discussions of revising the frequency, timing, and focus of the Verriest Medal, which will continue at the next meeting.

Vivianne C. Smith and Janos Kulikowski were nominated by the committee for honorary status.

Revision of the by-laws has been in progress for several years. Steve Buck agreed to lead efforts to finalize a draft to be presented to the membership for approval at the 2007 symposium.