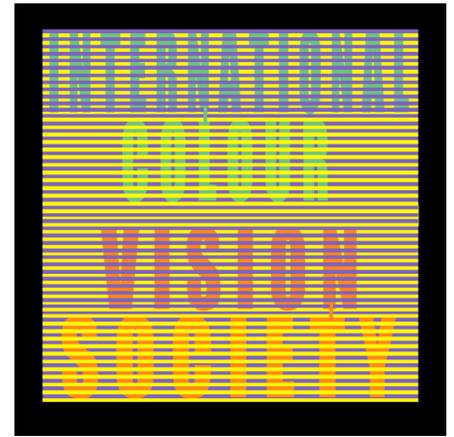


# DALTONIANA

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## 20<sup>th</sup> ICVS Symposium University of Minho Braga, Portugal

The 20th Symposium of the International Colour Vision Society (ICVS) took place in the University of Minho, Braga, Portugal, from Friday July 24th to Tuesday July 28th, 2009. The symposium has attracted distinguished senior scientists but also many junior scientists and students who brought fresh enthusiasm into colour vision research. There were 160 people attending, 40 of which were students. The participants came mainly from the United States and United Kingdom in about equal numbers and from 18 other countries.

The scientific program included 7 invited talks, 63 oral presentations and 43 poster presentations. The sessions were organized in four symposia and nine regular sessions. A record number of 28 student travel grants were awarded by the Society.

On Friday the 2009 Verriest Medal was awarded to Professor Gerald H. Jacobs who over the last 45 years has authored more than 200 papers related to colour vision. Professor Jacobs gave a wonderful lecture entitled "Adventures in Mammalian Color Vision". In the evening, there was a reception in the romantic gardens of the Museum Nogueira da Silva with Fado, the typical Portuguese music.

On Saturday, after a full day of scientific sessions, Professor John Mollon gave a fascinating historical lecture "Lagerlunda", about the railway accident that occurred on trunk line from Malmö to Stockholm on the night of 14–15th November, 1875.

The Sunday excursion included a tour in the Douro valley, a cruise along the river and a guided visit to a wine farm. It was a day with some magic moments where the participants to the conference interacted and relaxed.

On Monday, during the business meeting, the Optical Society of America student award was awarded to Miriam Henze, from the Institute of Zoology, Zürich University, Zürich, Switzerland. In the evening, the conference banquet took place in the surroundings of a typical farm of Minho region and was an opportunity for a happy gathering and some speeches.

The meeting closed on Tuesday morning with the Symposium "Seeing coloured "stuff": surfaces, textures, patterns and materials" and the regular session "Effects of colour and luminance contrast".

Conference papers will be published in a special issue of *Ophthalmic and Physiological Optics*.

A selection of photos from the conference, the abstract book and other information will be permanently online on the ICVS website [www.icvs.info](http://www.icvs.info) at:

<http://macboy.uchicago.edu/conferences.html>

By Sérgio Nascimento, PhD.  
*Organising Committee of the 20<sup>th</sup> ICVS Symposium*

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# ICVS

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## MESSAGE FROM THE GENERAL SECRETARY

*Steven Buck, PhD*

The 2009 Biennial ICVS Symposium in Braga, Portugal, was well-attended (roughly 130 participants and 30 accompanying persons) and a great success due to the efforts of organizers Sergio Nascimento, Vasco Almeida, Miguel Castelo-Branco, Joao Linhares, Paulo Pinto, and Jose Medina, and all of the participants. Thanks to everyone!



At the Symposium, the Board and Membership took a variety of actions, including approval of systematically revised ICVS Bylaws, election of John Mollon and Stephen Dain as Honorary Members, and re-election of Steve Buck and Neil Parry to continue as General Secretary and Treasurer (respectively). A slate of candidates was approved for the 5 open positions in the upcoming online Directors Board election: Marina Danilova, Ken Knoblauch, Jan Kremers, Barry Lee, John Mollon, Sergio Nascimento, Hao Sun, and Qasim Zaidi. The Optical Society of America sponsored a best student poster award, which was awarded to Miriam Henze for work on insect opsins performed at Zurich University. The Verriest Medal was presented to Gerald Jacobs for his longstanding contributions to color vision research and ICVS. And Winchester, England, was chosen as the site of the 2013 ICVS Symposium, with Valerie Bonnardel heading up the organization. Several other sites were nominated for the 2015 Symposium, for which selection will be made in 2011.

Meanwhile, editorial work is well under way on the proceedings of the 2009 meeting, to be published in a special issue of Ophthalmic and Physiological Optics in 2010. Editors for the proceedings are John Barbur, Steve Buck, Jan Kremers, Sergio Nascimento, and Hannah Smithson.

As we move toward our 2011 ICVS Symposium at in Kongsberg, Norway, organized by Rigmor Baraas, ICVS remains strong, even as we contemplate the future of the proceedings publications, dues levels, and student travel support.

## Editorial

*Dingcai Cao, PhD and Andrew J. Zele, PhD*

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The ICVS By-Laws were approved by vote of the General Membership at the 2009 symposium and are now available at [www.ICVS.info](http://www.ICVS.info)

We would like to highlight the recent publication of a review of ICVS 2009 in the American Optometric Association News, 48(4):15, 2009. Professor David Y. Lee of the Illinois College of Optometry communicated the ICVS review. We welcome contributions to Daltoniana, so please email them to us.

## Junior Member Profile: João MM Linhares



**João MM Linhares** did his degree in Optometry and Vision Sciences in 2002 in the University of Minho. He then did an MPhil in Optometry and Neuroscience in the Faculty of Life Sciences of The University of Manchester with a thesis entitled *Estimating Chromatic Diversity from Hyperspectral Images*. Since 2006 he is a PhD student in the University of Minho. He has published seven papers, mainly on estimation of the number of perceived colours in complex scenes for normal and colour deficient observers, and presented more than twenty scientific communications in international conferences. In addition to his expertise in colour science he is a skilled software developer and a talented project manager. He was also a teaching assistant in Optometry and Vision Sciences course in the University of Minho, member of the board of the university spin-off WideColour and a licensed Optometrist in private clinics.

### Selected Publications

**Linhares JM**, Pinto PD, Nascimento SM. 2008. The number of discernible colors in natural scenes. *Journal of the Optical Society of America*. 25: 2918-24.

**Linhares JM**, Pinto PD, Nascimento SM. 2008. The number of discernible colors perceived by dichromats in natural scenes and the effects of colored lenses. *Visual Neuroscience*. 25:493-9.

Aldaba MA, **Linhares JM**, Pinto PD, Nascimento SM, Amano K, Foster DH. 2006. Visual sensitivity to color errors in images of natural scenes. *Visual Neuroscience*. 23:555-9.

## 2009 ICVS Travel Award Recipients

Para Kang  
Miriam Henze  
Elizabeth Allen  
Yang Sun  
Franziska Rauscher  
Vanda Nemes  
Anthony D'Antona  
Evgenia  
Konstantakopoulou  
Wei Bi  
Naveen Challa  
Ben Jennings  
Matilda O'Neill-Biba  
Suzanne Belmore  
Athanasios Panorgias  
Mirella Gualtieri  
Sarah Elliott  
Luana Athaide  
Isabel Moreno-Cid  
Mirella Barboni  
Clara Rios  
Natasha Bloch  
Daniela M. O. Bonci  
Esther Perales  
Elisabet Chorro  
Claudio Teixeira  
Claudia Feitosa  
Manca Tekavcic Pompe  
Stefania Mereu

