

ICVS

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ICVS 2024 Symposium Ljubljana, Slovenia

The 27th biannual meeting of ICVS was held at the Cankarjev Dom in the charming city of Ljubljana. The conference was skilfully organized by Manca Tekavčič Pompe, who assembled an excellent team to ensure everything ran smoothly. The event was a great success, attracting 137 participants, 32% of whom were students. A total of 105 scientific presentations were delivered, with 57 being oral presentations. There were four invited lectures and the Verriest Medal lecture. ICVS awarded 25 travel grants to students, corresponding to a total of £7230, funded jointly by the ICVS treasury and the meeting budget.



View of the Cankarjev Dom auditorium.

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Group photo; invited lecturers at ICVS 2024 (from left to right Deniz Dalkara, Jenny Bosten, Tessa Dekker and Tom Baden); and Manca Pompe at the conference opening (bottom left).



Wonderful moments at ICVS 2024. Additional photos from the conference may be download from [here \(https://icvs2024.com/index.php/gallery\)](https://icvs2024.com/index.php/gallery).

Professor John Mollon was re-elected President of the ICVS



At the General Business Meeting, Professor John Mollon was unanimously re-elected as President of the ICVS for the next four years.

New Board Members Elected

The election for five members of the Board of Directors took place online between August 22nd and September 18th. A total of 86 votes were cast. The members elected to the Board of Directors were Hannah Smithson, Anya Hurlbert, Yoko Mizokami, David Brainard, and Karl Gegenfurtner. Continuing Board Members are Jenny Bosten, Jan Kremers, Galina Paramei, Keizo Shinomori, and John Werner. The organiser of the next symposium automatically becomes a board member, but since Jenny Bosten is already on the board, there are no additional members.

Verriest Medal Lecture

In Ljubljana, Professor Karl Gegenfurtner received the Verriest Medal from the President of ICVS, Professor John Mollon, and delivered the lecture entitled "Color Vision: From Pixels to Objects." He presented results from Virtual Reality psychophysics and Deep Neural Network modelling, highlighting the importance of objects in colour discrimination, colour constancy, and the emergence of colour categories.



Professor John Mollon presented the Verriest Medal to Professor Karl Gegenfurtner.



Professor Karl Gegenfurtner at the end of his lecture "Color vision: from pixels to objects."

Student Awards at ICVS 2024

Ana Rozman

Optica Best Student Poster Award



Ana is a postdoctoral research fellow at the Sussex Vision Lab, University of Sussex, UK, supervised by Jenny Bosten. She studies cortical chromatic mechanisms and how these can be characterised using human neuroimaging with EEG. She presented the findings comparing two SSVEP methods for characterising cortical chromatic mechanisms – intermodulation components and an oddball paradigm. They used both paradigms in an attempt to measure properties of cortical chromatic mechanisms, specifically their tuning.

Hannah Doyle

Optica Best Student Talk Award
Best Travel Award Talk



Hannah is a doctoral student at the University of California, Berkeley, USA, under the supervision of Ren Ng and Austin Roorda. She employs adaptive optics to stimulate human cones both individually and independently. She presented her work on image and video percepts through cone-by-cone laser stimulation. Using this cone-by-cone stimulation, different colours can be generated using only one wavelength of light, by varying the intensity with which each cone is stimulated.

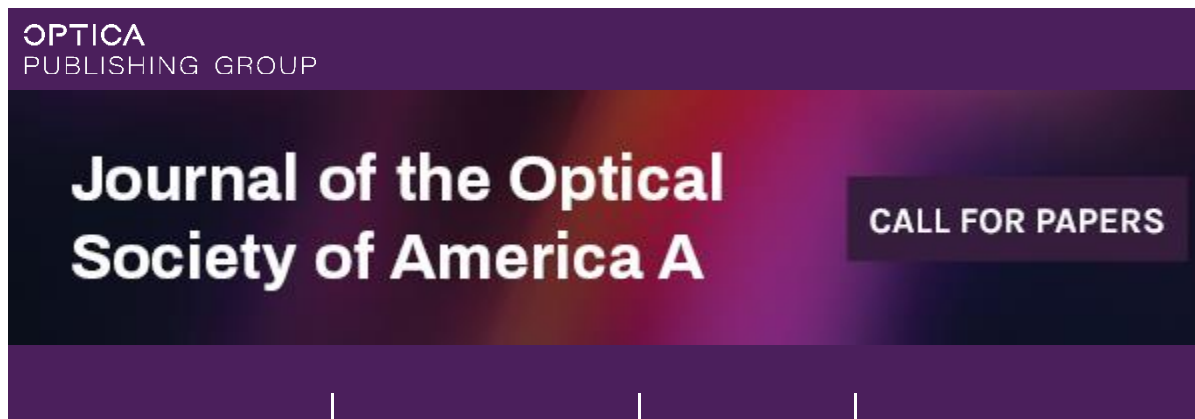
Hou Tengxuan

Best Travel Award Poster



Hou is a doctoral student at the Kochi University of Technology, Kochi, Japan, under the supervision of Keizo Shinomori. She studies colour constancy. She reported a study using haploscopic color matching experiments with several background conditions that showed that background conditions and perceived scene dimensionality significantly influenced colour constancy.

JOSA A 2025 Feature Issue



Submit your paper to the Color Vision 2025 Feature Issue
Submission deadline 15 October 2024

This Feature Issue is based on research presented at the 2024 Symposium of the International Colour Vision Society (ICVS) taking place 5-9 July in Ljubljana, Slovenia. While meeting participants are particularly encouraged to submit their work, this Feature Issue is open to all contributions in related areas, including but not limited to:

- Perception and psychophysics
- Physiology and anatomy
- Functional imaging
- Genetics
- Color-vision deficiencies

FEATURE ISSUE GUEST EDITORS

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Neil Parry, The University of Manchester, UK

Manca Pompe, University of Ljubljana, Slovenia

ICVS 2026



ICVS2026 logo.

The ICVS 2026 committee look forward to welcoming you at the 2026 conference in Brighton. The dates aren't fixed yet but will be soon, so please look out for a further notice and our web page which should be online by the end of this year. We're working hard on all the elements of the conference, and are excited to share our city with ICVS members. Please watch this space!

Jenny Bosten, Anna Franklin, Ana Rozman, John Maule, Alice Skelton, Tom Baden, Ian Pennock, Daniel Osorio and Christoph Witzel



Royal Pavilion, Brighton.

ICVS 2028

The 2028 ICVS Symposium will be held in the city of Reno in Nevada, USA. The conference will be organized by Michael Crognale, Michael Rudd, Michael Webster, and Jack Werner. The conference venue will be at the University of Nevada. Reno is a 3.5-hour drive from San Francisco and is well-connected by air or scenic train through the Sierra Mountains. In the nearby area there are many natural points of interest, like the Lassen Volcanic National Park and the Yosemite National Park, as well as cultural events, like the Hot August Nights Car Festival and the Burning Man. Further details will be announced in due course.



The city of Reno, Nevada.



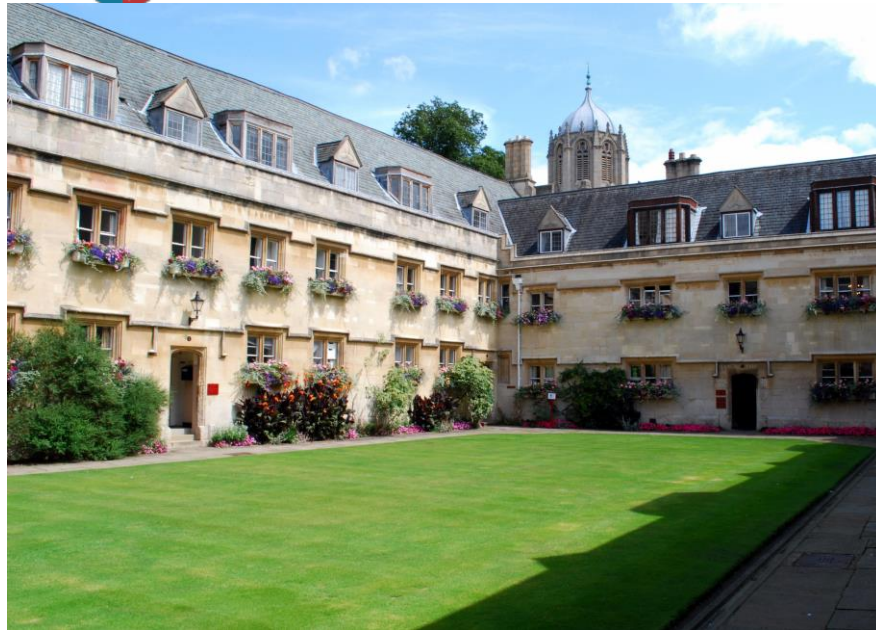
The University of Nevada.

Summer School 2025

The Board of Directors approved a plan to host the ICVS Summer School 2025 at Pembroke College of the University of Oxford. The organizing committee for the school will include Hannah Smithson, David Brainard, Neil Parry, and Allie Hexley. Lectures, labs and discussions will be organised by the Department of Experimental Psychology. Further details will be announced early next year. Check [this](https://www.youtube.com/watch?v=mWOK2uInec8) promotional video of the ICVS Summer School (www.youtube.com/watch?v=mWOK2uInec8).



PEMBROKE
COLLEGE OXFORD

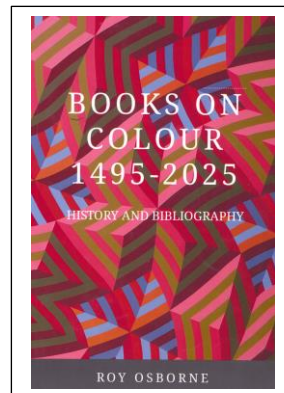


Pembroke college where the ICVS 2025 Summer School will be held.

Book Review

Books on Colour 1495–2025. 6th Edition. Roy Osbourne, Lulu Press, Morrisville, NC. £18 paperback (available from Amazon)

Anyone who is interested in the history of colour science will want to own a copy of this book – for reference, though perhaps not for reading from cover to cover. It is a work of remarkable scholarship. The artist and historian Roy Osbourne has assembled a comprehensive bibliography of printed books that deal with colour in all its wonderful aspects: Optics, physiology, psychology, chemistry, colorimetry, and art are prominent, but the coverage also extends to dress, flora and fauna, food, glass, photography, symbolism, and therapy.



Although several – historically important – journal articles are included, as well as some modern review chapters, the bibliography is largely confined to printed books in European languages. Some 3400 items are listed. There are few obvious absences. One would be Rosamit's (superbly illustrated) *Anleitung zur Feststellung der Farbentüchtigkeit* (Leipzig, 1914); and unhappily, all the IRGCVD Proceedings volumes are missing. But such omissions are rare, and the historian or the collector will undoubtedly find here many items that are fresh to their awareness. Ultimately it would be valuable to release the bibliography as an online database.

Osbourne has endeavoured to establish the dates of birth and death of each author; and that task must have sometimes required detailed research. In a personal touch, and as a sometimes idiosyncratic addition, he gives each author's nationality and occupation: e.g., 'Slovene psychologist and theologian', 'Croatian-North American neurologist & neuroanatomist', 'Hungarian-Dutch linguist, psychologist, music therapist & educator', 'Zimbabwean-North American cognitive scientist, artist & educator'.

The bibliography is prefaced by Osbourne's masterly synopsis of colour literature, in which he identifies the relevant authors on particular topics as the centuries pass. This historical survey is intensely compressed. It would be splendid if it were expanded into a book-length account, since nothing comparable exists. For the moment, we should congratulate Roy Osbourne on the scholarship and the grasp that are embedded in this bibliography.

J. D. Mollon

Exhibition at Getty Museum

Lumen

The Art and Science of Light

September 10–December 8, 2024, GETTY CENTER



“To be human is to crave light. We rise and sleep according to the rhythms of the sun, and have long associated light with divinity. Focusing on the arts of western Europe, Lumen explores the ways in which the science of light was studied by Christian, Jewish, and Muslim philosophers, theologians, and artists during the “long Middle Ages” (800-1600 CE). During this period science (or the study of the physical universe) served as the connective thread for diverse cultures across Europe and the Mediterranean, uniting scholars who inherited, translated, and improved upon a common foundation of ancient Greek scholarship. Several contemporary artworks, including special installations by Helen Pashgian and Charles Ross will extend the exhibition’s reach throughout the Museum.”

Link to Getty Museum [here \(www.getty.edu/art/exhibitions/lumen/index.html\)](http://www.getty.edu/art/exhibitions/lumen/index.html)