



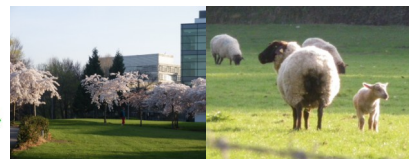
European Optical Society

Coherence for Europe®

6th EOS Topical Meeting on Visual and Physiological Optics (EMVPO 2012)

20 - 22 August 2012, University College Dublin (UCD), Dublin, Ireland

First Announcement and Call for Papers



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SYNOPSIS

The **6th EOS Topical Meeting on Visual and Physiological Optics (EMVPO 2012)** will take place at the University College Dublin (UCD), Ireland, 20– 22 August 2012. This is the sixth of a series of meetings that have previously taken place in Wroclaw, Poland (1999), Granada, Spain (2004), London, UK (2006), Heraklion, Greece (2008), and Stockholm, Sweden (2010).

The EMVPO meetings, attended by students and world-leading researchers in visual and physiological optics, are much appreciated due to their scientific quality and informal atmosphere encouraging discussions.



Areas to be covered include basic and applied elements of vision research such as adaptive optics and eye dynamics, ocular aberrations and corrections, intraocular scattering, retinal image quality, cornea, lens, retina and photoreceptor optics.

The EMVPO-6 is organized by the Advanced Optical Imaging Group in UCD and the European Optical Society (EOS).

We look forward to welcoming you to Ireland and Dublin in 2012!

PROGRAMME COMMITTEE

CHAIR

Brian Vohnsen, University College Dublin (IRL)

SCIENTIFIC COMMITTEE

Pablo Artal, Universidad de Murcia (ES)

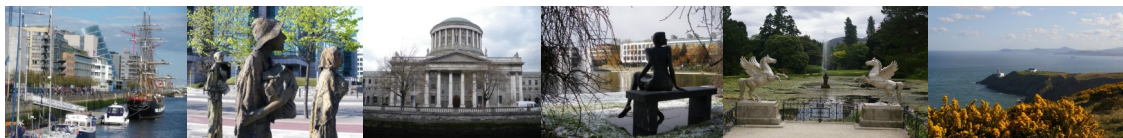
David Atchison, Queensland University of Technology (AUS)

Ralf Blendowske, Hochschule Darmstadt (DE)

Neil Charman, University of Manchester (UK)

Christopher Dainty, National University of Ireland (IRL)

Luis Diaz-Santana, City University London (UK)

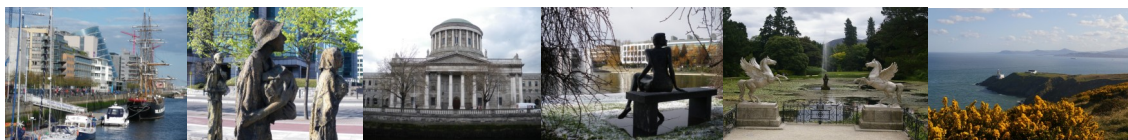


Harilaos Ginis, University of Crete (GR)
José Ramón Jiménez Cuesta, Universidad de Granada (ES)
Henryk Kasprzak, Wroclaw University of Technology (PL)
Vasudevan (Vengu) Lakshminarayanan, University of Waterloo (CA)
Linda Lundström, KTH - Royal Institute of Technology (SE)
Susana Marcos Celestino, CSIC (ES)
Barbara Pierscionek, University of Ulster (UK)
Larry N. Thibos, Indiana University (US)
David R. Williams, University of Rochester (US)

TOPICS

This conference will cover many aspects of visual and physiological optics, including clinical studies, basic research, and instrumentation, for example:

- Eye models and intraocular lenses
- Cornea and lens
- Anterior segment imaging
- Aberrations and retina image quality
- Ocular wavefront sensing
- Peripheral wavefront sensing and vision
- Retina optics and photoreceptor function
- Vision and physiological optics
- Retinal imaging and analysis
- Novel instrumentation and techniques
- Numerical image processing
- Multiphoton techniques.



CONFIRMED INVITED SPEAKERS (LIST TO BE COMPLETED)

Plenary talk by:

- Prof. Dr. rer. nat. Michael Bach
Universitäts-Augenklinik Freiburg, Ophthalmology (DE)
Tentative Title *An Eye for Optical Illusions*

Invited talks by:

- Prof. Gerald Westheimer, University of Berkeley, California (US)
- Prof. Stephen Allan Burns, Indiana University (US)

DATES AND DEADLINES

Online submission open from: 15 February 2012
Abstract submission deadline: 30 March 2012
Notification to authors: End of April 2012
Early-bird registration deadline: 19 July 2012

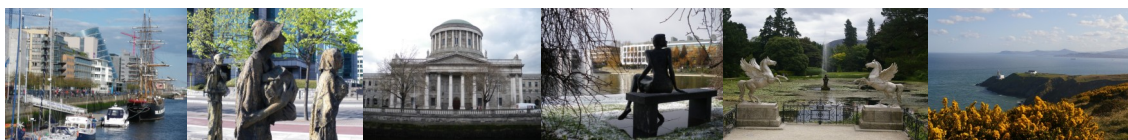
ABSTRACT SUBMISSION

Authors are requested to submit an extended abstract of a maximum of two pages and preferably with at least one figure. The EOS guidelines for abstracts can be downloaded at www.myeos.org/files/abstractguidelines.pdf.

Contributions will be accepted for oral and poster presentation. Please indicate preference. All accepted contributions are to be published in the EOS Advance Programme (electronic version) and the Final Programme (electronic and print version) that will be distributed on-site. All authors are requested to register for the meeting separately from abstract submission.

Abstracts can only be submitted online via www.myeos.org/events/emvpo2012.

If you would like to be alerted when the submission is opened, please send an email to emvpo2012@myeos.org.



INVITATION LETTERS

If you require an invitation letter for this meeting, please fill in the invitation letter form at www.myeos.org/events/invitation.

SPONSORING OPPORTUNITIES

Interested in presenting your products at this EOS Topical Meeting? Here your products don't drown in the crowd!

For more information, please download the Sponsor's and Advertiser's Guide for EMVPO 2012 (to be available soon at www.myeos.org/events/emvpo2012) or contact Julia Dalichow at emvpo2012@myeos.org to learn more about exhibition and sponsorship opportunities for this EOS Topical Meeting.

VENUE

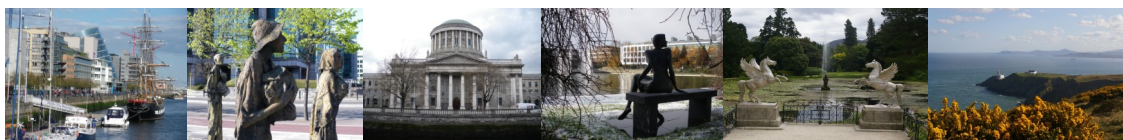
DUBLIN

The capital city of Ireland, Dublin, has transformed immensely during the Celtic Tiger Years welcoming the visitor to its sights, its welcoming people and culture, and its attractive modern waterfront area. Dublin has always been strongly linked to the sea where also the Vikings made their mark sailing up the river Liffey more than a thousand years ago.

For a night out Temple Bar near the old Viking settlement is where a pint of Dublin's famous dark Guinness (or a whiskey with an 'e') can be enjoyed to the sound of Irish music, a lively chat, and possibly the story of fishmonger Molly Malone.

Literature is key to the Irish and to Dublin, in particular, where a string of eminent writers including Oscar Wilde, William Butler Yeats, Samuel Beckett, George Bernard Shaw, John Millington Synge, Bram Stoker, and of course James Joyce the author of the "Dubliners" have all left lasting impressions in the Writers Museum and in locations and statues across the city. Also not to be missed is the 1200 years-old Book of Kells.

Science has equally made its mark in Dublin where prominent scientists include George Stokes, William Rowan Hamilton, John Tyndall, Francis Fitz Gerald, Thomas Preston, John L. Synge, and Edward H. Synge, while also Erwin Schrödinger worked in Dublin for a number of years.



Their work and that of many others has given rise to a modern Ireland soundly based on science and innovation that is reflected in Dublin City of Science 2012.

Just north of Dublin, Howth, is a lovely fishing village with stunning views and flowering vegetation that is worth an excursion. The Irish cuisine although traditionally based on meat and potatoes has embraced new opportunities and now offers excellent seafood, cheese, and chocolates for the gourmet's palate.

UNIVERSITY COLLEGE DUBLIN

University College Dublin (UCD) is the largest university in the Republic of Ireland with close to 20,000 students set on green fields in the Southern part of the City. The university was founded in 1854 and established as UCD in 1880 while based near St Stephen's Green in the city centre.

In the early-to-mid 1960'ies, UCD moved to its present location on the Belfield Campus. The EMVPO-6 meeting will take place in the William Jefferson Clinton auditorium on the UCD Belfield Campus.

TRAVEL AND ACCOMODATION

Rooms at a special rate will be blocked near the conference venue. All booking and travel information as well as a list with alternative hotels will be soon available at www.myeos.org/events/emvpo2012.



CONTACT



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