



Venue

William Jefferson Clinton Auditorium
University College Dublin
Belfield Campus, Dublin 4, Ireland
www.ucd.ie

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.

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.

Registration

At least one author of an accepted contribution is requested to register properly in advance to EMVPO 2012 . All information on our registration fees and conditions will soon be available at our event website www.myeos.org/events/emvpo2012#Registration.

Social Programme

JOIN OUR GUIDED DUBLIN BAY & CASTLE TOUR FOLLOWED BY A FESTIVE DINNER!

More information on the social programme and conference dinner will soon be published at www.myeos.org/events/emvpo2012.

Travel and Accommodation

Rooms at a special rate have been blocked near the conference venue, at the Stillorgan Park Hotel and the Radisson Blu St. Helens Hotel. For booking details, travel information as well as a list with alternative hotels, please see www.myeos.org/events/emvpo2012#Accommodation.

Extend your stay!

Combine work with pleasure: Discover Dublin's immense literary heritage at Dublin Writers Museum, visit the birthplace of George Bernard Shaw, or explore letters, photographs or rare editions and personal possessions of Joyce at the James Joyce Museum. More information about Dublin is available at www.visitdublin.com

We are looking forward to welcoming you to Ireland and Dublin!

Contact

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6th EOS Topical Meeting

on Visual and Physiological Optics
(EMVPO 2012)

20 - 22 August 2012

University College Dublin (UCD), Dublin, Ireland

Final Call for Papers



Sponsors



IOP Institute of Physics
In Ireland

Synopsis

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.

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).

EMVPO 2012 is organized by the Advanced Optical Imaging Group in UCD and the European Optical Society (EOS).

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
- Ocular biomechanics
- Retina optics and photoreceptor function
- Vision and physiological optics
- Retinal imaging and analysis
- Novel instrumentation and techniques
- Numerical image processing
- Multiphoton techniques

Plenary Speaker

Michael Bach, Universitäts-Augenklinik Freiburg, Ophthalmology (DE)

Invited Speakers

Stephen Allan Burns, Indiana University (US)

Alexander Goncharov, NUI Galway (IE)

Jennifer Hunter, University of Rochester (US)

Guillermo Perez, Universidad de Murcia (ES)

Gerald Westheimer, University of Berkeley (US)

Chair

Brian Vohnsen, Advanced Optical Imaging Group, University College Dublin (IE)

Programme Committee

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Susana Marcos Celestino, CSIC (ES)

Barbara Pierscionek, University of Ulster (UK)

Larry N. Thibos, Indiana University (US)

David R. Williams, University of Rochester (US)

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.

Dates and Deadlines

Abstract submission deadline:	30 March 2012
Notification to authors:	20 April 2012
Publication of the Advance Programme	10 May 2012
Early-bird registration deadline:	19 July 2012

Paper Publication in Ophthalmic and Physiological Optics

Following the conference a special issue of Ophthalmic and Physiological Optics will be published including papers from EMVPO 2012. Submitted papers will undergo a rigorous reviewing process to ensure a high quality of all published works.

