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350 € for EOS members*
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Discounted
publication rates
for attendees of this
EOS Topical Meeting

The paper submitted
must be an original
contribution that is
connected to the topics
of this EOS event.

Publication rates
280 € (member rate)
320 € (non-member rate)

Submission deadline
17 April 2010

Table-Top Exhibition and Sponsorships

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

Contact Judith Herzog at +49-511-2788-159
sales@myeos.org to learn more about exhibition and sponsorship opportunities for this EOS meeting.

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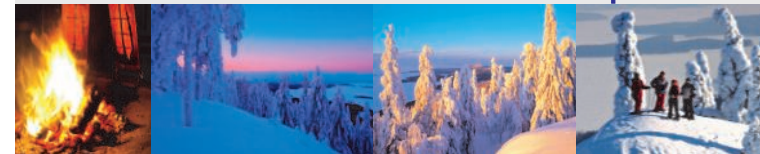
Recognizing Laser's 50th Anniversary



EOS Topical Meeting on Diffractive Optics

with focus sessions on optics in
displays, illumination and vision

Final Announcement & Call for Papers



Koli, Finland, 14 - 18 February 2010

Topics

- Micro-optics in displays
- Optics of modern projectors
- Adaptive optics in vision
- Modeling of diffractive optics
- Fabrication and characterization
- System integration
- Programmable DOEs
- Sub-wavelength optics
- Photonic crystals
- Novel optical materials including metamaterials
- Shaping and homogenization of optical beams
- Measurement techniques
- Diffractive optics for life sciences & security applications

Synopsis

After 20 years of active research and development of design and fabrication techniques, diffractive optics is approaching a status of mature technology – in addition to the ongoing fundamental basic and applied research, we can find diffractive optics in increasingly many applications which are either completely based on diffraction phenomenon or diffractive solution is remarkably more compact, light-weight, or cost-effective than its alternatives.

This meeting will be the seventh in a series. Previous meetings took place in Savonlinna (1997), Jena (1999), Budapest (2001), Oxford (2003), Warsaw (2005), and Barcelona (2007).

The 2010 meeting in Koli includes focus sessions on Optics in Displays, Illumination, and Vision. It will also feature a seminar *Unified Optical Modeling with VirtualLab* on 18 February. It gathers the scientists and engineers working in the field of diffractive optics in industry or academic institutes. The meeting will give the attendees a wide picture of the field, from fundamental modelling of light-matter interaction to design techniques and from fabrication techniques to novel applications.

We look forward to welcoming you in Koli!

Programme Committee

- General chair:
Jani Tervo, University of Joensuu (FI)
- Juan Campos, Universidad Autonoma de Barcelona (ES)
- Zbigniew Jaroszewicz, Institute of Applied Optics (PO)
- Hagen Schweitzer, LightTrans GmbH (DE)
- Jari Turunen, University of Joensuu (FI)
- Tuomas Vallius, EpiCrystals Inc. (FI)
- Santiago Vallmitjana, University of Barcelona (ES)

Confirmed Invited Speakers

- Pablo Artal, Universidad de Murcia (ES)
- Erez Hasman, Technion–Israel Institute of Technology (IS)
- Hans Peter Herzig, University of Neuchâtel (CH)
- Janne Konttinen, EpiCrystals (FI)
- Frank Wyrowski, University of Jena (DE)

Topics

Focus sessions will be on Optics in Displays, Illumination and Vision.

Subtopics include, but are not limited to:

- Micro-optics in displays
- Optics of modern projectors
- Adaptive optics in vision
- Modelling of diffractive optics
- Fabrication and characterization
- System integration
- Programmable DOEs
- Sub-wavelength optics
- Photonic crystals
- Novel optical materials including metamaterials
- Shaping and homogenization of optical beams
- Measurement techniques
- Diffractive optics for life sciences and security applications

The meeting will also feature a seminar on *Unified Optical Modeling with VirtualLab*, sponsored by Lighttrans.

Dates and Deadlines

Abstract submission deadline: 19 October 2009
Notification to authors: 10 November 2009

Abstract Submission

The abstract submission will open on 21 September 2009. Abstracts can only be submitted online via the event website. Submission alert: If you wish to be informed when the submission opens, send an e-mail to koli@myeos.org.

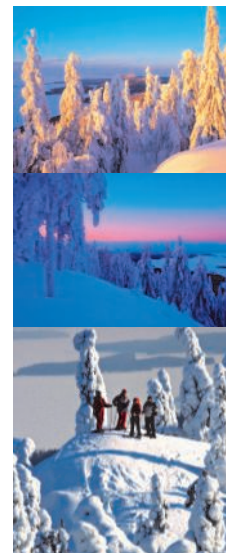
Authors are requested to submit an extended abstract of a minimum of one page and a maximum of two pages with at least one figure. The abstract must be formatted according to the EOS abstract guidelines, which can be downloaded at www.myeos.org/files/abstractguidelines.pdf.

Contributions will be accepted for oral and poster presentation. Please indicate your preference. All accepted contributions will be published in the EOS Topical Meeting Digest which will be available on-site.

Please note that at least one author is requested to register for the meeting separately from abstract submission.

Venue

Sokos Hotel Koli
Ylä-Kolintie 39
FI-83960 Koli
www.sokoshotelkoli.fi
www.sokoshotels.fi



This EOS Topical Meeting will be held at the Sokos Hotel in Koli, one of Finland's most beautiful areas, which offers a unique combination of nature and culture. The meeting venue is idyllically situated near Lake Pielinen and embedded in the beautiful National Park.

Extend your stay!

Combine work with pleasure and extend your stay by a few days. Discover Finland's attractions in the winter season, when the trees of the region are fully covered with snow and Lake Pielinen is completely frozen.

Information about the Koli region is available at www.koli.fi.

The transportation between Joensuu airport/railway station and Koli will be arranged by the organisers.

Contact

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