



WORLD OF PHOTONICS CONGRESS 2011

EOSMOC 2011 will be taking place under the umbrella of the World of Photonics Congress, the leading international congress for optical technologies in Europe and one of the top 3 congresses of its kind worldwide. It is organised by Messe München International and held in conjunction with LASER World of PHOTONICS, the international trade fair for optical technologies including components, systems and applications, so there is an intense exchange between the scientific and industrial sectors. [www.photonics-congress.com]

ABSTRACT SUBMISSION

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 EOS guidelines for abstracts can be downloaded from www.myeos.org/files/abstractguidelines.pdf.

Contributions will be accepted for oral and poster presentation. Please indicate your preference. All accepted contributions are to be published in the EOS Conference Digest which will be available at the beginning of the conference. Abstracts can only be submitted online via www.myeos.org.

At least one author of an accepted contribution is asked to register in advance to the conference (please see paragraph REGISTRATION).

DATES AND DEADLINES

Opening of online submission	6 December 2010
Abstract submission deadline	5 January 2011
Notification to authors	3 February 2011
Early-bird registration deadline	29 April 2011

PAPER PUBLICATION IN JEOS:RP

Attendees of EOSMOC 2011 receive a 20% discount on the publication rate for the Journal of the European Optical Society: Rapid Publications (JEOS:RP). The paper submitted must be an original contribution that is connected to this Conference and must be submitted no later than 29 July 2011. [www.jeos.org]

Publication rates:

- 320 € (instead of 400 €) for non-members
- 280 € (instead of 350 €) for full EOS members



VENUE

ICM - International Congress Centre Munich
Messegelände
DE - 81823 München

The International Congress Centre Munich (ICM) is integrated into the New Munich Trade Fair Centre and is one of the most modern congress centres in the world. It can easily be reached by public transport [www.photonics-congress.com]

ACCOMMODATION AND TRAVEL

Information on accommodation and travel can be found at www.myeos.org/events/eosmoc2011#AccommodationandTravel

REGISTRATION

The registration for EOSMOC includes admission to all conferences at the World of Photonics Congress (www.photonics-congress.com) as well as to the LASER World of Photonics trade fair. At least one author of an accepted contribution is required to register in advance to the conference.

Special tickets for exhibitors

Each exhibitor participating in LASER World of PHOTONICS 2011 receives one free ticket* to the World of Photonics Congress. Beyond that, each exhibitor may purchase up to five tickets* at a special rate. Please note: Both free and special rate tickets **are not valid for speakers** at World of Photonics Congress.

*May only be ordered and used by exhibiting companies. They are personalized and are only valid for the ticketholder. They are not transferrable. Congress proceedings are not included.

Fees

Category	Early-bird 18/02 - 29/04/2011	Late/on-site from 30/04/2011
Full member	490 €	570 €
Non-member	610 €	690 €
Student member	105 €	150 €
Student non-member	145 €	185 €
One day	210 €	270 €

INVITATION LETTER

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

ADVERTISING AND SPONSORING

Interested in advertising or sponsoring opportunities? Get more information at www.myeos.org/sponsoring_munich2011.

CONTACT

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COOPERATING SOCIETIES



MEDIA PARTNER



EOSMOC 2011

2nd EOS Conference on
Manufacturing of Optical Components

→ Final Call for Papers

Munich ICM

International Congress
Centre Munich, Germany

23 - 25 May 2011

www.myeos.org/events/eosmoc2011



20th International Congress on Photonics in Europe
co-located with LASER World of PHOTONICS 2011
Messe München GmbH, Messegelände, 81823 München, Tel.: (+49 89) 949-114 68
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SYNOPSIS

The continuing growth of the optics sector is closely bound to advancements and innovative manufacturing developments. The importance of sophisticated but economically priced optical components has never before had such a wide reaching impact on new products, processes and applications. In order to produce many of these 'next generation' optical components, new and innovative fabrication processes and test methods are crucial. The second EOS Conference on Manufacturing of Optical Components 2011 (EOSMOC 2011) will highlight significant future market trends, emerging technologies and associated prospective developments. This meeting provides a forum to discuss all aspects of optics fabrication and testing ranging from micro-optics to large optics, and from high-value one-of-a-kind optics to mass-produced optics. The conference will bring together commercial developments and ongoing research. It will be a unique opportunity for exchanging information with renowned researchers, scientists, engineers and professionals from all over Europe!

GENERAL CHAIRS EOSMOC 2011

- Klaus-Friedrich Beckstette, Carl Zeiss AG, Jena/Oberkochen, DE
- Paul Comley, Cranfield University, UK

PROGRAMM COMMITTEE

- Olivier Acher, HORIBA Jobin Yvon, FR
- Lutz Aschke, LIMO Lissotschenko Mikrooptik GmbH, DE
- Stefan Bäumer, Philips Applied Technologies, NL
- Keith Carlisle, Lawrence Livermore National Laboratory - LLNL, US
- Gilbert Dahan, Société Européenne de Systèmes Optiques-SESO, FR
- Olaf Dambon, Fraunhofer Institute for Production Technology IPT, DE
- Ramona Eberhardt, Fraunhofer Institute for Applied Optics and Precision Engineering IOF, DE
- Oliver Föhnle, FISBA OPTIK AG, CH
- Andreas Fischer, JENOPTIK Polymer Systems GmbH, DE
- Martin Forrer, FISBA OPTIK AG, CH
- Roland Geyl, SAGEM SA, FR
- Peter Lehmann, Universität Kassel, DE
- Peter MacKay, Gooch and Housego (UK) Ltd, UK
- Wolfgang Osten, Universität Stuttgart, DE
- David Price, Qioptiq Ltd., UK
- Markus Rossi, Heptagon, CH
- Axel Schindler, Leibniz-Institut f. Oberflächenmodifizierung e.V., DE
- Klaus Schindler, OptoNet e.V., DE
- Emmanuel Sein, Astrium EADS, FR
- Paul Shore, Cranfield University, UK
- Guus Taminau, Photonics Cluster Netherlands, NL
- Wilhelm Ulrich, Carl Zeiss AG, DE
- Reinhard Völkel, SUSS MicroOptics SA, CH
- David Walker, Univ. College London, Glyndwr Univ., Zeeko Ltd., UK

SUB-CONFERENCES**I) Theoretical and Practical Aspects of Manufacturing and Finishing Technologies**

Topics

- Abrasive processes: grinding, smoothing, jet polishing, abrasive jet, MRF
- Single point cutting: diamond turning, fly cutting, milling, ultrasound assisted machining, laser processing, vibration assisted polishing
- Energy beam processes: ion beam figuring and polishing, laser and plasma processes
- Aspheric optics, free-form optics
- μ - and n-optics
- Integrated optics
- Lasers as manufacturing tools
- Glass molding, polymer molding
- Finishing processes using slurries (incl. charact. of slurries, chemistry ...)

Chairs

- Olaf Dambon, Fraunhofer Institute for Production Technology IPT, DE
- Axel Schindler, Leibniz-Institut f. Oberflächenmodifizierung e.V., DE

Invited Speaker

- Kazuto Yamauchi, Osaka University, JP

II) Optics Manufacturing Processes

Topics

- Manufacturing processes: from μ to large optics
- Cost-efficient optical components manufacturing
- Ultra-stable optical mounting processes
- Large scale optics (roll to roll processes etc.)
- Integrating references and feedback loops in design, manufacturing, and metrology
- Fabrication & testing developments that expand the design horizon
- Wafer level optics

Chairs

- Martin Forrer, FISBA OPTIK AG, CH
- Gilbert Dahan, Société Européenne de Systèmes Optiques-SESO, FR

Invited Speaker

- Ramona Eberhardt, Fraunhofer Institute for Applied Optics and Precision Engineering IOF, DE

III) Optical Manufacturing for Emerging Products and Processes

Topics

- Light management: automotive developments, intelligent diffusers

- Energy programs: concentrated solar thermal, concentrated photovoltaic, fusion
- Display technologies: 3D, flexible displays, animated packaging, animated wall coverings
- Innovative materials for existing and emerging applications
- New design ideas requiring new optical components

Chairs

- Stefan Bäumer, Philips Applied Technologies, NL
- Wilhelm Ulrich, Carl Zeiss AG, DE

Invited Speaker

- Juan Carlos Miñano, Universidad Politécnica de Madrid, ES

IV) Testing for Fabrication and Assembly

Joint session with the SPIE Europe Conference "Optical Metrology".

Topics

- Asphere and Freeform measurements
- Calibration and absolute tests
- Innovative ideas in profilometry for optical elements
- Advanced interferometric systems and techniques
- Testing of extreme dimension optics and diffractive optics
- In-process/in-machine measurement for improved optics production

Chairs

- Peter Lehmann, Universität Kassel, DE
- Guus Taminau, Photonics Cluster Netherlands, NL

Invited Speaker

- Gunther Notni, Fraunhofer Institute for Applied Optics and Precision Engineering IOF, DE

V) Special Session: European Support Instruments for Optical Components Manufacturers

The 7th Framework Programme for Research and Technology Development of the European Commission includes a set of measures known as "coordination and support actions" to help to the spreading of research results and skills to domains where they could be taken up for the benefit of society. In this special session information will be given on FP 7 funded projects relevant to the manufacturing of optical components and on other opportunities that allow for fostering technological progress through these projects.

There is no open call for papers for this session.

Chairs

- Pierre Chavel, CNRS / Institut d'Optique, FR
- Olivier Parriaux, Université St. Etienne, FR

