

Call for Papers

The congress Laser Optics Berlin 2010, a major forum for new research and developments in optical technologies and for promoting exchange of knowledge between industry and academia, is accepting submissions for oral and poster presentations.

The congress will focus on

Optical Technologies for Measurement and Production

with the topical areas

- Lasers and optical methods
- Optical analytics and sensors
- Materials research, analysis, and processing
- Imaging and medical optics

The program combines symposia, workshops and topical sessions consisting of plenary, invited (30 minutes +5 min discussion), and contributed (15+5 min) talks as well as posters.

On occasion of the 50th anniversary of the laser, a special plenary session will be held on March 23, 2010. Speakers include both laser pioneers and leading scientists representing current laser research:

C. Dainty, President Elect 2010 of the Optical Society of America

W. Kaiser, formerly Bell Labs and Technical University of Munich

D. Röss, formerly Siemens AG, now Heraeus Foundation, Hanau

J. Faist, ETH Zurich

F. X. Kaertner, Massachusetts Institute of Technology, USA

I. Bloch, University of Mainz and Max-Planck Institute for Quantum Optics, Munich

The program includes a workshop on terahertz research and technology with the invited speakers

A. Tredicucci, CNFR-NEST, Pisa

X.-C. Zhang, Rensselaer Polytechnic Institute, USA

Additional invited talks will be upgrades from the submitted material.

Authors should submit a one-page abstract of their contribution (English, A4 page format, 2 cm margins, 12 pt font, single spaced) in form of a pdf file. Figures - if any - should be included in the one-page format. Each abstract must include the affiliation and the email address of the corresponding author. Abstracts should be submitted by email to

lob2010@mbi-berlin.de

The deadline for submission is November 15, 2009.

Submissions undergo a peer review conducted by the members of the Program Committee. The authors will be informed about the decisions of the Program Committee by January 8, 2010. The abstracts of accepted papers will be published in the program digest of Laser Optics Berlin 2010.

Program Committee

O. Benson, Institute of Physics, Humboldt Universität zu Berlin

H.P. Berlien, Elisabeth Klinik, Berlin

W. Eberhardt, Helmholtz Zentrum Berlin

T. Elsaesser, Max-Born-Institut, Berlin (Chair)

S.W. Hell, Max-Planck-Institut für Biophysikalische Chemie, Göttingen

G. Marowsky, Laserlabor Göttingen

A. Nitze, Berliner Glas KGaA Herbert Kubatz GmbH&Co., Berlin

M.W. Sigrist, ETH Zürich

G. Tränkle, Ferdinand-Braun-Institute, Berlin