

OpTec-Berlin-Brandenburg (OpTecBB) e.V. is the competence network for optical technologies in the states Berlin and Brandenburg. OpTecBB was founded on the 14th of September 2000 by companies, research institutions, universities and associations, with support from the responsible departments of the state governments.

OpTecBB is part of a strategy process, which was begun with the formulation of the "German Agenda Optical Technologies for the 21st Century", and intends to develop and strengthen all optical technologies.

OpTecBB and its members aim to:

- bundle and network the regional potential in the area of optical technologies
- foster knowledge and technology transfer from research institutions to industry
- initiate research and development projects and engage in co-operations
- be a platform for information and communication
- organize joint marketing activities and industry fair representations to advertise companies and the region
- foster training and further education in the area of optical technologies
- represent optical technologies to politics and associations
- disseminate information about optical technologies through appropriate and effective public relations efforts and, thereby, foster recruitment of trainees and young staff
- inform and advise the state governments and industry sponsors
- develop and nurture contacts with international clusters and organizations within and close to optical technologies

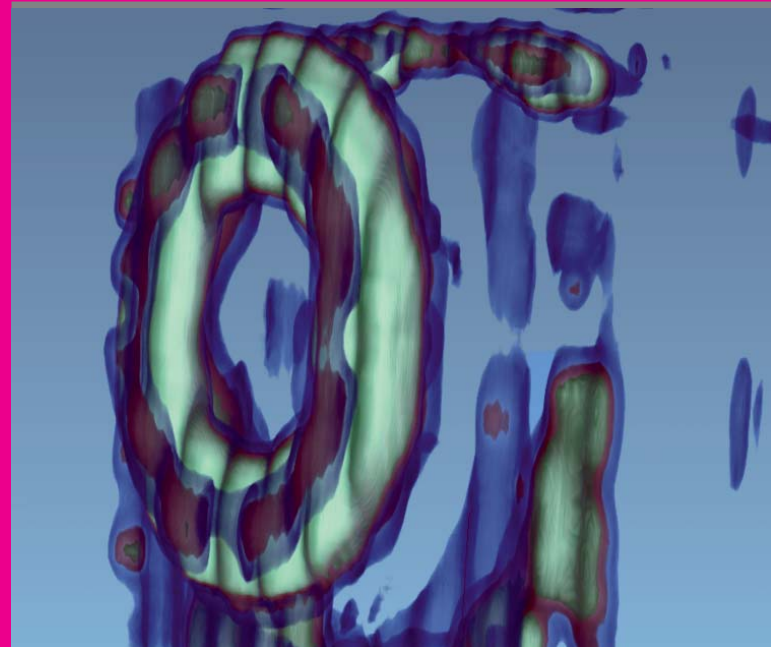
www.optecbb.de

Optical Technologies for Measurement and Production



LASER OPTICS BERLIN

Internationale Fachmesse und Kongress für
optische Technologie und Lasertrieb



Call for Papers
Workshop on Terahertz Research
and Technology

March 22, 2010
in Berlin

OpTecBB funded by





Workshop on Terahertz Research and Technology

Call for Papers

The Laser Optics Berlin 2010, a major forum for new research and developments in optical technologies and for promoting the exchange of knowledge between industry and academia, will take place in Berlin from March 22 to 24.

The congress will focus on:

Optical Technologies for Measurement and Production

The program includes an **one day workshop on terahertz research and technology** which will be held on March 22. The scope of the workshop covers recent progress in terahertz science, technology, and applications. The major topics include, but are not limited to, the following areas:

- Sources and detectors
- Devices, components, and materials
- Instrumentation for spectroscopy and imaging
- Applications in industry, security, biomedicine, and non-destructive testing

The following speakers have been invited.

A. Tredicucci, CNFR-NEST, Pisa

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

Organizing committee:

J. Beckmann, Bundesanstalt für Materialforschung und -prüfung

J. Hollandt, Physikalisch Technische Bundesanstalt
H.-W. Hübers, Deutsches Zentrum für Luft- und Raumfahrt e.V.

B. Sartorius, Fraunhofer Heinrich Hertz Institut

B. Weidner, OpTecBB

Dr. Ulrich Schade, Helmholtz-Zentrum Berlin für Materialien und Energie GmbH

On occasion of the 50th anniversary of the laser, a special plenary session will be held on March 23, 2010. Speakers will 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

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

lob2010@mbi-berlin.de

The deadline for submission is November 15, 2009.

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

