



micro photonics Congress

11 – 13 October 2016, Berlin Exhibition Grounds, Germany

micro photonics is a new congress and trade show where some of the major trends in the 21st century come together: Photonics and miniaturization. At this point the application engineer meets the scientist to discuss inter-disciplinary solutions for fields such as health care, lighting, automotive or information technology.

Micro- and Nanophotonics technologies provide new devices like sensors, actuators and interconnects for miniaturized and smart systems in Biophotonics across a wide variety of applications. The technologies combine mechanical, electronic, photonic and biologic functionalities. Device dimensions can shrink to the optical wavelength range enabling novel functionalities, designs and applications.

Biophotonics is an emerging, interdisciplinary field of research that covers all light-based technologies interacting in the life sciences and medicine. The technological solutions Biophotonics offers are of commanding importance for the health and well-being of society. A necessary prerequisite for successful research and translation of the results in Biophotonics is a close collaboration between all relevant disciplines and between scientists, industrial partners and users.

Input about the following topics can be submitted:

Biophotonics

Chairs:

Jürgen Popp, Leibniz Institute of Photonic Technology (IPHT)
Jena, Friedrich-Schiller- University Jena, Germany
Michael Canva, CNRS, Laboratoire Charles Fabry de l'Institut
d'Optique, Palaiseau, France

LASER MEDICINE

Therapeutic laser applications like e.g. photodynamic therapy

POINT-OF-CARE APPLICATIONS

Low-cost mobile analytical devices for medical and environmental, food and drug analysis, therapeutic monitoring

MEDICAL IMAGING

Methods and devices for medical photonic and spectroscopic imaging from Terahertz to the X-ray spectral range

LIFE SCIENCES APPLICATIONS

Understanding the origin of diseases on the cellular level, cell processes

Plenary Speaker

Markus Schmidt, Leibniz Institute of Photonic Technology (IPHT) Jena, Friedrich-Schiller-University Jena, Germany
Francesco Baldini, Istituto di Fisica Applicata „Nello Carrara“, Florenz, Italy

Micro- and Nanophotonics

Chairs:

Henning Schröder, Fraunhofer IZM, Berlin, Germany
Florian Solzbacher, University of Utah, Blackrock Microsystems LLC, Salt Lake City, USA

MEMS/MOEMS/BIOMEMS

Small and complex microsystems for e.g. endoscopic microscopy and surgery, OCT, spectroscopy, sensing, imaging, optofluidics and optogenetics

QUANTUM DOTS AND NANOSTRUCTURES

Growth and characterization for photonic devices, plasmonics, nano interconnects

PHOTONIC INTEGRATED CIRCUITS

Design, materials and fabrication as well as system integration for sensing and optical data telemetry

ADVANCED FABRICATION TECHNOLOGIES

High-resolution technologies including (Focused) Ion-beam, laser assisted processing, 3D lithography, and methodologies for photonic devices and interconnects

Plenary Speaker

Rajesh Menon, University of Utah/MIT, Salt Lake City, USA
Edward Boyden, MIT, Cambridge, USA (to be confirmed)

The micro photonics Programme Committee and the Local Organising Committee welcome the submission of original contributions for oral and poster presentation at the conference.

DEADLINE: FRIDAY, 29 APRIL 2016



General Submission Guidelines

Abstract submission opens February 2016. Visit www.micro-photonics.de for more details and to submit. All abstracts must be submitted online no later than 29 April 2016.

All abstracts submitted will go through a blind, peer-review process carried out by a review panel. Each abstract will be reviewed by at least two reviewers and the final selection of abstracts will be completed by the Congress Chair and the Programme Committee. Abstracts accepted and presented at the meeting will be published online on the congress website as well as in the official micro photonics catalog.

Instructions for Abstract Authors

- All abstracts must be submitted online through the abstract submission system.
- When entering into the abstract submission system for the first time, you will be asked to create a profile. Through your account you will be able to access your personal page to submit one or several abstracts. You can edit your abstracts until the submission deadline.
- Abstracts sent by fax, post or email will not be considered. It is the author's responsibility to submit a correct abstract. Any errors in spelling, grammar or scientific fact will be reproduced as submitted by the author.
- Abstracts must be written in English and the text should not exceed 350 words. Tables or figures cannot be inserted.

Abstract Presentations

Authors will be notified regarding abstract acceptance and the method of presentation.

a) Poster Presentation

Most accepted abstracts will be presented as posters (poster presentation).

If an abstract is accepted as a poster presentation, the presenting author will be requested to be available for discussions during the corresponding poster session. Posters will be set up close to the exhibition area.

More details on the format of posters and additional instructions will be given in the acceptance email.

b) Oral Presentation

A number of accepted abstracts will be selected by the Program Committee for oral presentation. Please indicate your disposition for oral presentation.

If an abstract is selected for oral presentation, the presenting author, as specified at submission, will be requested to present it in the assigned session. Contributed talks maybe upgraded to invited talks by the organizers.

Duration of lectures:

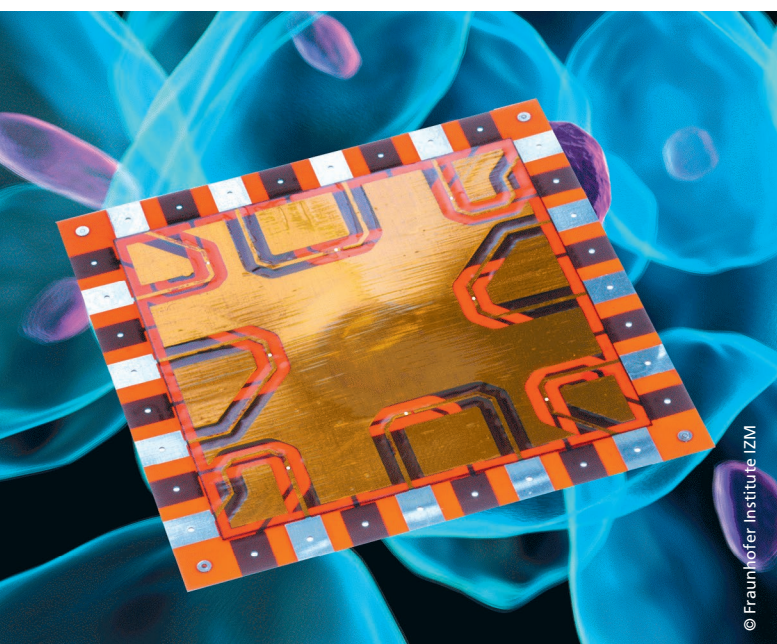
Regular: 15 min, Invited: 30 min, Plenary: 45 min

Details will be communicated to the author by mid-May 2016.

Notification of Acceptance or Rejection

Notification of acceptance or rejection will be sent to the corresponding author by mid-May 2016.

Please note that only the corresponding author will receive this email concerning the abstract and is responsible for informing all co-authors of the status of the abstract. Authors whose abstracts have been accepted will receive further instructions for the presentation of their abstract.





micro photonics

International Congress Expo

www.micro-photonics.de

micro photonics at a glance

Dates

October 11 – 13, 2016

Organizer

Messe Berlin GmbH, Messedamm 22, 14055 Berlin, Germany

Venue

Berlin Exhibiton Grounds, Entrance hall 7

Expo

micro photonics expo will present the newest technologies and application trends.

Contact: Messe Berlin, micro photonics Team

T: +49(0)30 3038 2159 · micro-photonics@messe-berlin.de

EPIC Tech Watch – Technology and Market Forum



In cooperation with EPIC and its partners, the exhibition will feature a full 3-day program rich of technology presentations addressing various markets: defence, environment, food, forensic, life science, manufacturing, space, telecom/ datacom, transport. An IP workshop and update on research funding and an executive breakfast will provide additional networking opportunities.

Congress

Congress Partner: K.I.T. Group GmbH

For any question about the submission, selection and presentation of the accepted posters or further information please contact K.I.T. Group GmbH.

T: +49(0)30 24603 250

micro-photonics@kit-group.org

Registration

Abstract presenters must pay the registration fee (special fees for speakers) no later than 30.06.2016 in order for their presentation to appear in the abstract book. Please note that some countries require a visa to visit Germany

Registration Fees

Day Ticket.....	EUR 270,00
Day Ticket Early Bird.....	EUR 220,00
Day Ticket Student.....	EUR 40,00
Day Ticket Speaker	EUR 190,00
Permanent Ticket.....	EUR 450,00
Permanent Ticket Early Bird.....	EUR 390,00
Permanent Ticket Student.....	EUR 70,00
Permanent Ticket Speaker	EUR 370,00

Registration opens in May 2016.

We are looking forward to your contribution.

Your micro photonics Team!

