

microsys berlin

Micro-Optics and Micro-Optical Systems

microsys berlin 2012 – Call for Papers

Since 2001 microsys Berlin – micro-optics and micro-optical systems – has successfully presented the fascinating developments in microsystems technology. As a combination of exhibition and lecture program, from **March 19–21, 2012** the event is now breaking new ground in terms of content and structure: From now on, it will take place parallel to Laser Optics Berlin. Its new focus is on the presentation of fields of application shared by optical technologies and microsystems technology. This focus makes microsys Berlin – formerly μ Sys – a true first on the German trade fair market.

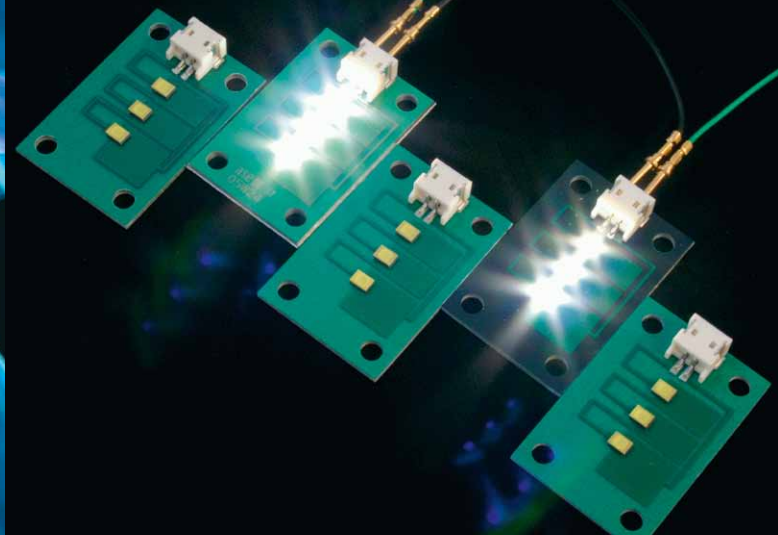
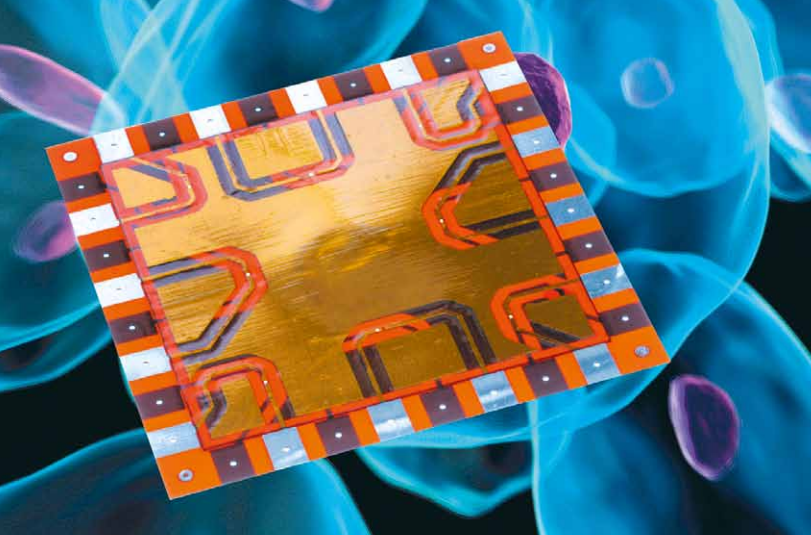
The Convention Topics

LED Packaging & System Integration

- Status Quo and Trends
- LED-Driver – Setup Configurations, Functional Options, Energy Efficiency
- Thermal Design, Cooling and Thermal Management
- Color Perception and Conversion
- LED Structure, Optical Design, Configuration
- Environmental Aspects to LED Implementation
- Thermo-Mechanical Reliability of LED Superstructures
- Qualification and Failure Analysis

Photonic Components and Packaging

- WideBaSe – Wide Bandgap Semiconductors
- Portable Displays
- Wafer Level Packaging
- Photonic Packages and Substrate Integration
- Assembly Technique/Surface Mounting on Large-Sized Substrates
- Optical Connectivity
- Electro-Optical Integration
- Automation and Self-Adjusting Processes
- Reliability and Qualification



microsys berlin

Micro-Optics and Micro-Optical Systems

Optical Measurement Technology

- Use of Miniaturized Optical Sensors
- High-Resolution Optical Measurement Equipment
- Integrated Optical Measurement Systems
- Production of Micro-Optical Functional Components
- Calibration of Micro-Optical Measurement Systems

The convention runs for 1.5 days: March 20–21, 2012.

Duration of each lecture: 20–25 min.

Contributors are to submit a one-page abstract as a PDF file (A4 format, 1.5 cm line spacing, Times New Roman font, size 10) in English. Numerical data, graphics and pictures are to be incorporated into the single-page abstract. Lectures can be given in either German or English. Simultaneous translation service – from German into English – will be provided.

Please submit your work via email/PDF. Your submission is to include the contributor's accurate contact information (first and last name, title, name of company and/or institute, street address, country, email address, telephone number).

The submission deadline for lectures is 15 October 2011.

Contact: kubeerkens@messe-berlin.de

All submissions will be appraised by a panel of experts. Contributors will be informed of the panel's decision by 30 November 2011.

Messe Berlin retains permission to publish all accepted abstracts on the Laser Optics Berlin website, www.laser-optics-berlin.de.

After notification of acceptance, contributors will be asked to submit the following:

- Photo in JPEG-Format
- CV, ¼ page A4-format, 1.5 cm line spacing, Times New Roman font, size 10
- Final lecture/presentation as PDF for the convention documentation, which will be provided to all participants. Deadline: 10 March 2012

We are looking forward to your contribution!
Your microsys Berlin - team

In cooperation with:

