

[28.10.2015]

Evening event **20:00 hrs**

Get Together Dinner at Bootshaus Achim

During a collective dinner there is the opportunity for a meet and greet.

[29.10.2015]

Welcome **10:00 hrs**

Dr.- Ing. Thomas Fahlbusch, PhotonicNet GmbH
Torsten Vahrenkamp, ficonTEC Service GmbH

Active alignment glues for minimizing shrinking effects **10:15 hrs**

Maximilian Baum
DELO Industrie Klebstoffe GmbH & Co. KGaA, Windach

CO₂-splicing and tapering of photonic high-power components **10:45 hrs**

Dr.-Ing. Erik Beckert
Fraunhofer IOF, Jena

Coffee break **11:15 hrs**

Chip on Board for optoelectronic applications **11:45 hrs**

Siegmund Kobilke
Excelitas Technologies Elcos GmbH, Feldkirchen

Integration of optical Tx/Rx-Elements for parallel optical links **12:15 hrs**

Dr.-Ing. Krzysztof Nieweglowski
Institut für Aufbau- und Verbindungstechnik der Elektronik Dresden

Lunch break **12:45 hrs**

Challenges for optical I/O in silicon photonics – the foundry perspective **13:30 hrs**

Dr. Lars Zimmermann,
IHP Innovations for High Performance Microelectronics,
Frankfurt (Oder)

Automation Processes for Silicon Photonics: a real case and some consideration on advanced coupling technologies **14:00 hrs**

Dr. Giovanni Preve
Inphotec center CNIT
Center for photonic integrated technologies ,
Pisa Italy

Coffee break **14:30 hrs**

Thin glass based photonic packaging on modul and PCB level **15:00 hrs**

Dr. Henning Schröder
Fraunhofer IZM, Berlin

Assembling Laserdiodes and Photodiodes **15:30 hrs**

Torsten Vahrenkamp
ficonTEC Service GmbH, Achim

ficonTEC Tour **16:00 hrs**

Wrap up **17:00 hrs**

[Registration]

Binding Registration
Please register until **October 15th 2015** the latest

Fax: +49 511 / 277-1650

or

E-Mail: Veranstaltung@photonicnet.de

- I will attend the workshop
- I will attend the tour
- I will participate at the get together

Name

Company / Institution

Address

Postal Code, City

Phone No.

E-Mail

Member of competence network OT

Date / Signature

Venue:
ficonTEC Service GmbH
Rehland 8
28832 Achim, Germany

PARTICIPATION FEE (incl. evening event):
180,00 € per person
140,00 € per person for Member of competence network OT

Nowadays many lasers and opto-electronical products are being offered robust, small, highly functional as well as cheaper and cheaper. The continuous further development of the packaging makes it possible. The packaging is the central production concept for micro-electronics and the micro-systems technology. The spread of the automation builds the basis for developing new trends within the opto-electronic packaging. The high-volume markets more and more primarily are turning to miniaturization, system integration as well as new materials. The new techniques in turn put high requirements on the equipment manufacturers.

Also for custom specific systems which are produced in small lots there are important developments in the field of bonding technologies, i.e. new gluing or soldering methods which have been improved for performance, handling, reliability, heating or costs.

The aim of the workshop is to specifically transport the R&D status of the packaging of laser and opto-electronic packaging from a user's point of view.

It is targeted to developers and users in the fields laser packaging, optics, opto-electronics, and microsystem engineering.

PhotonicNet

The competence network PhotonicNet aims at accelerating the development, the propagation, and the implementation of the optical technologies in Lower Saxony and Saxony-Anhalt. By proposing adequate measures of education a qualified upcoming generation shall be put into place. To also account for this trans-regionally the competence networks „Optische Technologien“ (Optical technologies) have teamed up in the „OptecNet Deutschland e.V.“.

[Arrival]

Hotel-Restaurant Bootshaus
Uesener Weserstr. 17
28832 Achim, Germany
www.hotel-bootshaus.de
T: +49 4202 / 51980



[Organizer]

Photonic-Net
Kompetenznetz Optische Technologien

PhotonicNet GmbH
Garbsener Landstr. 10
30149 Hanover, Germany
Dr. -Ing. Thomas Fahlbusch

Tel: +49 511 / 277-1640
Fax: +49 511 / 277-1650

E-Mail:
fahlbusch@photonicnet.de

ficonTEC

ficonTEC Service GmbH
Rehland 8
28832 Achim, Germany
Torsten Vahrenkamp

Tel: +49 4202 / 51160-0
Fax: +49 4202 / 51160-90

E-Mail:
info@ficontec.com

PhotonicNet Forum

In cooperation with:



In cooperation with:

ficonTEC

Automated Packaging of micro-optical Modules and Lasers

[Achim, October 29th 2015]

