



[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 great.

[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

10:45 hrs

Maximilian Baum

DELO Industrie Klebstoffe GmbH & Co. KGaA, Windach

CO₂-splicing and tapering of photonic high-power components

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

parallel optical links 12:15 hrs

Dr.-Ing. Krzysztof Nieweglowski Institut für Aufbau- und Verbindungstechnik der Elektronic 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 h

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

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

15:00 hrs

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 optoelectronic packaging from a user's point of view.

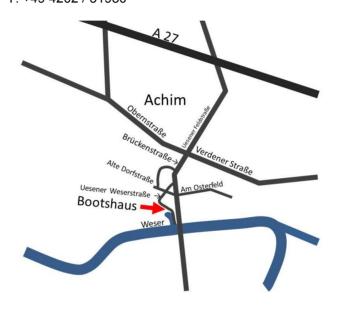
It is targeted to developers and users in the fields laser packaging, optics, opto-electronics, and microsystem engineering.

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

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PhotonicNet Forum

In cooperation with:



In cooperation with:

ficontec

Automated Packaging of micro-optical Modules and Lasers

[Achim, October 29th 2015]

