

OpTecBB Summer School 2018

17.– 21.09.2018 • Berlin and Frankfurt/Oder

» photonic integration «

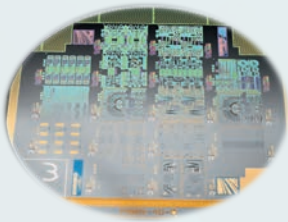
High profile academic and industrial partners offer insight in state-of-the-art photonic integration including hands-on experience

Fraunhofer Institut für Nachrichtentechnik – Heinrich Hertz Institut

... offers its InP technology as multi project wafers to the worldwide academic and industrial landscape and develop polymer waveguide based hybrid integration and silicon photonics. The expertise is strongest in high performance data- and telecom, with increasing activities in sensor systems, e.g. terahertz technology.

www.hhi.fraunhofer.de

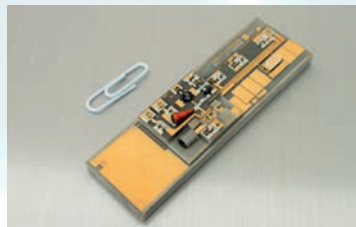
 **Fraunhofer**
Heinrich-Hertz-Institut



Ferdinand-Braun-Institut, Leibniz-Institut für Höchstfrequenztechnik – FBH

... does research on electronic and optical components, modules and systems based on compound semiconductor. The focus is on the GaAs material, achieving highest output powers and highest efficiency in electro-optical conversion of all semiconductor lasers.

www.fbh-berlin.com



Leibniz-Institut für innovative Mikroelektronik – IHP

... carries out research and development on silicon-based systems and high frequency (HF) circuits. Its 0.13µm SiGe BiCMOS technology is used for research focusing on fully integrated electro-optic Silicon HF circuits for optical communication and sensors.

www.ihp-microelectronics.com




innovations
for high
performance
microelectronics

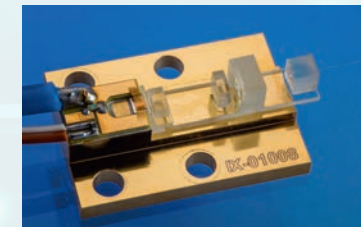


Fraunhofer Institut für Zuverlässigkeit und Mikrointegration – IZM

... is a prominent player in the integration of electronics for application in diverse fields, starting on wafer or substrate level, and up to full system design and fabrication. This expertise and the state-of-the-art equipment is used for photonic integration. We embed light sources, opto-electrical and optical components.

www.izm.fraunhofer.de

 **Fraunhofer**
IZM



Fraunhofer Institut für Produktionsanlagen und Konstruktionstechnik – IPK

... provides solutions for the manufacturing of systems integrating micro-optical, micro-mechanical, and micro-electronical components. Its expertise is to find in applications from the ground to the space, e.g. for biotechnology, medicine, agriculture, automotive, aviation, and astrophysics.

www.ipk.fraunhofer.de

 **Fraunhofer**
IPK
INSTITUT
PRODUKTIONSANLAGEN UND
KONSTRUKTIONSTECHNIK



Presentations, visits, workshops and more at the following industrial partners:

FINISAR

First Sensor

sicoya



Anritsu
envision:ensure

Tektronix



More Infos: <http://www.optecbb.de/summerschool2018>

Registration: summerschool2018@optecbb.de

Deadline: 29.06.2018

Costs: participation fee 100,00 € (excl. tax);
special day packages are available