LAND BRANDENBURG

be Berlin

17.10.2018
WISTA
Rudower Chaussee 17
12489 Berlin

Handlungsfeldkonferenz

Photonik für Kommunikation und Sensorik

„PHOTONICS FOR SECURE AND HIGH SPEED COMMUNICATION“

THE GERMAN CAPITAL REGION
excellence in photonics

Handlungsfeldkonferenz Photonik für Kommunikation und Sensorik

„PHOTONICS FOR SECURE AND HIGH SPEED COMMUNICATION“

17. Oktober 2018 | PROGRAM

9:30 – 10:00	**Registration / Exhibition / Coffee**
10:00 – 10:20	**Welcome and Introduction** Dr. Henning Schröder, Fraunhofer IZM Dr. Frank Lerch, Cluster Optik und Photonik / OpTecBB e. V.
10:20 – 10:40	Quantum repeaters - the backbone of secured communication Dr. Janik Wolters, University of Basel
10:40 – 11:00	Quantum-Secured German Internet Prof. Dr. Ronald Freund, Fraunhofer HHI
11:00 – 11:20	Commercializing continuous-variable quantum key distribution Imran Khan, InfiniQuant, Max Planck Institute for the Science of Light
11:20 – 11:50	**Coffee break and Exhibition**
11:50 – 12:10	Lifi for indoor and outdoor applications Dr. Volker Jungnickel, Fraunhofer HHI
12:10 – 12:30	Specialty optical fibers for secured high-througput communications Dr. Patryk Urban, InPhoTech
12:30 – 12:50	2D positioning system (applying VLC) for charging electric vehicles Ute Franke, 5micron GmbH
12:50 – 13:10	Li-Fi – Wireless High Speed Communication for Industrial Application Dr. Alexander Noack, Fraunhofer IPMS
13:10 – 14:10	**Lunch and Exhibition**
14:10 – 14:30	Data transfer by laser communication in space Dr. Rainer Schuhmann, Berliner Glas KGaA Herbert Kubatz GmbH & Co.
14:30 – 14:50	Packaging, fiber chip coupling for optical data transmission Dr. Gunnar Böttger, Fraunhofer IZM
14:50 – 15:10	Lilix Technology: Sesuring secure communication Christian Kutza, FOC GmbH
15:10 – 15:30	The challenge of sub-micron accuracy packaging for photonics devices Christoph Daedlow, Finetech GmbH & Co. KG
15:30 – 15:50	Test and measurement equipment for optical data transmission Ahed Abedrabuh, Tektronix GmbH
15:50 – 16:20	**Coffee break and Exhibition**
16:20 – 16:40	High Speed optical and data transmission/transceiver technology for secure communication Dr. Gerrit Fiol, Fraunhofer HHI
16:40 – 17:00	Highly integrated silicon photonics for data center Dr. Hanjo Rhee, Sicoya GmbH
17:00 – 17:20	Active optical cables for industrial applications – requirements and advantages Abongwa Lohse, Corning Optical Communications GmbH & Co. KG
17:20 – 17:40	Photonic integrated circuits for data center interconnects Benjamin Wohlfeil, ADVA Optical Networking SE
17:40 – 18:00	Wrap up and Final discussion
18:00	**Photonic Days Evening Reception at WISTA Bunsensaal**

Die Konferenzsprache ist Englisch.

Der Eintritt zur Veranstaltung ist frei, es wird dennoch um eine Anmeldung gebeten.

Veranstaltungsort:

WISTA
Rudower Chaussee 17
12489 Berlin

Ansprechpartner:

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OpTecBB e. V.
Telefon: +49 30 6392 1728
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By registering you consent to the following:

- all personal data collected via this registration form will, in accordance with the current rules concerning the protection of personal data, be saved, processed and used for the sole purpose of organising the event and for legitimate business interests with regard to providing advice and support.
- during the event, visual images of you may be taken, processed and used in the context of public relations work (print and online media) and for documentation purposes.
- The transmitted data concerning title, first name, surname and company/institution may be made available to all event participants in the form of a printed list of participants.

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RÜCKANTWORT

Handlungsfeldkonferenz Photonik für Kommunikation und Sensorik

„PHOTONICS FOR SECURE AND HIGH SPEED COMMUNICATION“

Mittwoch, 17. Oktober 2018

WISTA

Rudower Chaussee 17, 12489 Berlin-Adlershof

Anmeldung bitte bis zum 12.10.2018

Online-Anmeldung unter:

http://optecbb.de/lang/de/anmeldung_20181017_hfk_phokos.php

ODER

Fax an: +49-30-6392-1729, Herr Reschke (OpTecBB)

E-Mail an: optecbb@optecbb.de

Name, Vorname: _____

Titel: _____

Institution/Firma: _____

Anschrift: _____

_____

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E-Mail: _____

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