



17.10.2018  
WISTA

Rudower Chaussee 17  
12489 Berlin

# Handlungsfeldkonferenz Mikrosystemtechnik

„NETWORKED SENSOR SYSTEMS –  
AUTOMOTIVE AND PRODUCTION APPLICATIONS“

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„NETWORKED SENSOR SYSTEMS – AUTOMOTIVE AND PRODUCTION APPLICATIONS“

17. Oktober 2018 | PROGRAM

9:30 – 10:00	<b>Registration / Exhibition / Coffee</b>
10:00 – 10:20	<b>Welcome and Introduction</b> Peter Krause, First Sensor AG Dr. Frank Lerch, Cluster Optik und Photonik / OpTecBB e. V.
10:20 – 10:40	Vehicles in photonic network: Traffic safety with light communication Dr. Jean Blondeau, 5micron GmbH
10:40 – 11:00	Optical Sensors for Industrial Automation Daniele Indelicato, InSystems Automation GmbH
11:00 – 11:20	Innovative Infrared Sensors and Cameras for industrial applications Dr.-Ing. Ulrich Kienitz, Optris GmbH
11:20 – 11:50	<b>Coffee break and Exhibition</b>
11:50 – 12:10	AI for Camera Systems Ingo Hoffmann, HELLA Aglaia Mobile Vision GmbH
12:10 – 12:30	Fiber optical analysis of Lithium Ion Batteries Torsten Mehlhorn, Stöbich technology GmbH
12:30 – 12:50	Distributed Temperature Sensors and Specialty Optical Fiber for Industrial Harsh Environment Sensing Alejandro Dominguez Lopez, InPhoTech
12:50 – 13:10	Camera System, LIDAR Peter Krause, First Sensor AG
13:10 – 14:10	<b>Lunch and Exhibition</b>
14:10 – 14:30	Autonomous networked photonic sensor systems in precision farming – a wish list Dr. Manuela Zude-Sasse, Leibniz-Institut für Agrartechnik und Bioökonomie (ATB)
14:30 – 14:50	Lidar, photogrammetry and drones – challenges for networked sensor systems Prof. Dr. Bodo Bookhagen, Universität Potsdam
14:50 – 15:10	Overview AR/VR/XR technologies: Virtual Reality association Berlin Brandenburg for virtual, augmented and mixed reality industries Kenn Pfefferkorn & Hubert Hofmann, VRBB e.V. & You-VR-Labs
15:10 – 15:30	Multisensory applications of optics and sensor technology in immersive technologies – Requirements for Optical Tracking, Computer Vision and Laser as positioning aids for Connected XR Experience Kenn Pfefferkorn & Hubert Hofmann, You-VR-Labs
15:30 – 15:50	Distributing Your Location Based Data Philipp Langhanke, shoutr labs
15:50 – 16:20	<b>Coffee break and Exhibition</b>
16:20 – 16:40	Overview and Limitations of Optical and Depth Sensors for 6DOF Virtual Reality Video production Philipp Wenning, INVR.SPACE GmbH
16:40 – 17:00	RFID Sensors and Blockchain Dr. Frank Deicke, Fraunhofer IPMS
17:00 – 17:20	Connected sensor infrastructure and data platform in smart communities Uwe Northmann, Cisco Systems GmbH

<b>17:20 – 17:40</b>	Smart Systems Hub – Enabling IoT Anett Albanus, T-Systems Multimedia Solutions GmbH
<b>17:40 – 18:00</b>	Wrap up and final discussion
<b>18:00</b>	<b>Photonic Days Evening Reception at WISTA Bunsensaal</b>

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:**

Frank Lerch  
OpTecBB e. V.  
Telefon: +49 30 6392 1728  
E-Mail: [lerch@optecbb.de](mailto:lerch@optecbb.de)

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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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**THE GERMAN CAPITAL REGION**  
excellence in photonics

## RÜCKANTWORT

# Handlungsfeldkonferenz Mikrosystemtechnik

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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\\_mst.php](http://optecbb.de/lang/de/anmeldung_20181017_hfk_mst.php)

## ODER

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

E-Mail an: [optecbb@optecbb.de](mailto:optecbb@optecbb.de)

Name, Vorname:

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Titel:

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Institution/Firma:

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Anschrift:

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Tel./FAX:

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E-Mail:

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