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WORKSHOP

NETWORKED SENSOR SYSTEMS

17th October 2018

WISTA
Rudower Chaussee 17
12489 Berlin

Part of the Photonic Days Berlin Brandenburg
THE WORKSHOP WILL BE HELD IN ENGLISH

Program, 17.10.2018

09:30 - 10:00	registration // exhibition// coffee
10:00 - 10:20	Welcome and introduction Peter Krause, First Sensor AG, Dr. Frank Lerch, Cluster Optik/OpTecBB
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	Coffee break and exhibition
11:50 – 12:10	AI for Camera Systems (tittle tbc) 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	Lunch and exhibition
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 (tbc) Philipp Langhanke, shoutr labs
15:50 – 16:20	Coffee break and exhibition
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
17:20 – 17:40	Smart Systems Hub – Enabling IoT Anett Albanus, T-Systems Multimedia Solutions GmbH
17:40 – 18:00	Wrap up and final discussion
18:00	Photonic Days Evening reception at WISTA

Workshop Registration

Networked Sensor Systems

Wednesday, 17th October 2018

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Please reply before October 12th 2018 to OpTecBB

Online registration: http://optecbb.de/lang/de/anmeldung_20181017_hfk_mst.php

Or mail to OpTecBB e.V., Hr. Reschke: optecbb@optecbb.de, Fax: +49-30-6392-1729

Name, first name:

Title:

Institution/company:

Address:

Tel./fax:

E-mail:

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.