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## **Handlungsfeldkonferenz BioMedizinische Optik und Augenoptik**

### **Workshop PHOTONICS IN BIOMED-ON-A-CHIP**

**17th May 2018**

Fraunhofer Forum  
Anna-Louisa-Karsch-Straße 2  
10178 Berlin

Part of the EPRISE Project  
**THE WORKSHOP WILL BE HELD IN ENGLISH**

## Program, 17.05.2018

13.00 - 13.10	Welcome and Introduction Dr. Anne Techen (WFBB & Photonics Cluster) Dr. Bernhard Hesse (OpTecBB)
13.10 - 13.35	A multi-parameter lab on a chip platform Dr. Harald Peter (Fraunhofer IZI-BB)
13.35 - 14.00	Mechano-bioreactor for the study of load-controlled cell function in the field of bone regeneration Dr. Ansgar Petersen (Julius Wolff Institut, Charité - Universitätsmedizin Berlin)
14.00 - 14.25	Biomedical applications of infrared micro- and nanospectroscopy Dr. Peter Lasch (Robert Koch Institut)
14.25 - 14.45	Coffee break and finger food
14.45 - 15.05	Mobile analysis devices for the quantitative analysis of immunological rapid tests. Philipp Jungmann, opTricon Gesellschaft für optische Technologien mbH
15.05 - 15.25	Photonic integration for point of care diagnostics Moritz Kleinert (HHI Fraunhofer)
15.25 - 15.45	Finding the harbor: quantum dots and their significance for $\mu$ -fluidics and lab-on-a-chip Dr. Christian Schmidt (Fraunhofer IAP)
15.45 - 16.05	Optofluidik platform for enhanced IR microscopic sensing. Dr. Karsten Hinrichs, ISAS
16.05 - 16.25	Fiber-interconnected nanospectrometer packaging for medical imaging " (InSPECT)" Dr. Vanessa Zamora Gomez (Fraunhofer IZM)
16.25 - 16.45	Coffee break
16.45 - 17.00	The <i>MALDI Coffee</i> project & MALDI-fingerprint as complementary method to Lab on the chip. Dr. Wibke Kallow (Technologiezentrum Teltow GmbH)
17.00 - 17.30	Information about current EU H2020 call: Application driven Photonics components Immo Böke, EEN Berlin Brandenburg Wirtschaftsförderung Land Brandenburg (WFBB)  Followed by: Open round table discussion to set up potential consortia for current bmwi/EU calls

Registration

**Workshop/ Handlungsfeldkonferenz BioMed:**

**Photonics in BioMed-on-a- Chip**

Thursday, 17th May 2018

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Anna-Louisa-Karsch-Straße 2  
10178 Berlin

Participation is free of charge.

Please reply before April 30th 2018 to OpTecBB

For any questions: Bernhard Hesse [hesse@optecbb.de](mailto:hesse@optecbb.de)

Online registration: [http://optecbb.de/lang/de/anmeldung\\_20180517\\_hfk-biomed.php](http://optecbb.de/lang/de/anmeldung_20180517_hfk-biomed.php)

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

Name, first name:

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Title:

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Institution/company:

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