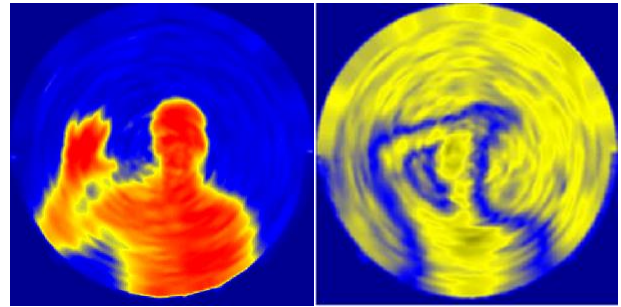


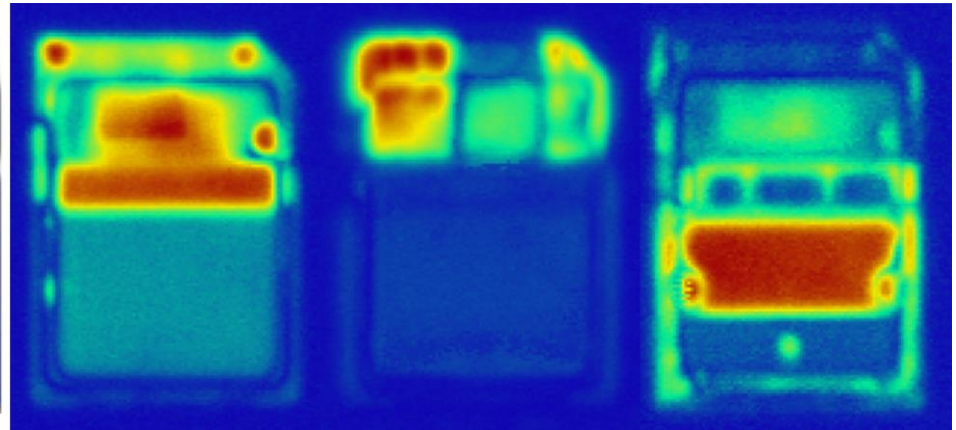
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## BERLIN TERAHERTZ SYMPOSIUM

November 20th 2017

DLR  
Institute of Optical Sensor Systems  
Rutherfordstraße 2  
12489 Berlin

The presentation language will be English

THE GERMAN CAPITAL REGION  
excellence in photonics

## Program

<b>09:30 - 10:00</b>	<b>Registration // Poster // Table Tops // Coffee</b>
10:00 - 10:20	Welcome, Introduction and Overview of Terahertz Research Prof. Dr. Heinz-Wilhelm Hübers, Deutsches Zentrum für Luft- und Raumfahrt e. V. (DLR)
10:20 - 10:40	Terahertz: Market Overview Dr. Jacques Cochard, Tematys
10:40 - 11:00	High Speed Terahertz Analysis for Scientific and Industrial Applications Katja Dutzi, Toptica Photonics AG
11:00 - 11:20	Terahertz Microprobe Driven Near-Field Imaging Dr. Michael Nagel, Protemics GmbH
<b>11:20 - 11:50</b>	<b>Coffee break and poster // table tops</b>
11:50 - 12:10	Terahertz-Components Based on 1.5µm Telecom Technology Dr. Björn Globisch, Fraunhofer-Institut für Nachrichtentechnik, Heinrich-Hertz-Institut (HHI)
12:10 - 12:30	Integrated THz Electronics in SiGe BiCMOS Technology Prof. Dr. Dietmar Kissinger, IHP GmbH, Innovations for High Performance Microelectronics, Leibniz-Institut für innovative Mikroelektronik
12:30 - 12:50	III-V THz Electronics: Signal Generation and Detection Prof. Dr. Viktor Krozer, Ferdinand-Braun-Institut, Leibniz-Institut für Höchstfrequenztechnik (FBH) & Goethe University of Frankfurt am Main
12:50 - 13:10	Commercial High Power CW Terahertz Sources and their Applications Jean-Charles Roche, Lytid SAS
<b>13:10 - 14:10</b>	<b>Lunch &amp; poster // table tops</b>
14:10 - 14:30	Recent Developments in THz Quantum-Cascade Lasers Prof. Dr. Holger Grahn, Paul-Drude-Institut für Festkörperelektronik
14:30 - 14:50	THz Gas Spectroscopy with Electronic Sources and Quantum-Cascade Lasers Prof. Dr. Heinz-Wilhelm Hübers, Deutsches Zentrum für Luft- und Raumfahrt e. V. (DLR)
14:50 - 15:10	THz Systems for Inspection and Production Control Dr. Uli Schmidhammer, Teratonics SAS
15:10 - 15:30	Precise THz Metrology at PTB Dr. Andreas Steiger, Physikalisch-Technische Bundesanstalt (PTB)
15:30 - 16:00	<b>Coffee break and poster // table tops</b>
16:00 - 16:20	THz and IR Activities at BESSY II of HZB Dr. Ulrich Schade, Helmholtz-Zentrum Berlin für Materialien und Energie GmbH
16:20 - 16:40	THz-TDS NDT Applications for Material and Structure Characterization of Dielectrics Jörg Beckmann, Holger Spranger, Bundesanstalt für Materialforschung und -prüfung (BAM)
16:40 - 17:00	<b>Wrap up, final discussion, networking</b>

**Registration**

**BERLIN TERAHERTZ SYMPOSIUM**

**Monday, 20th November 2017**

**DLR**

**Institute of Optical Sensor Systems**

**Rutherfordstraße 2**

**12489 Berlin**

**Please reply until 14th November 2017 to OpTecBB**

Registration: [http://optecbb.de/lang/de/anmeldung\\_20171120\\_berlin\\_thz\\_symposium.php](http://optecbb.de/lang/de/anmeldung_20171120_berlin_thz_symposium.php)

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

Name:

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Titel:

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Institution:

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Tel./FAX:

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E-Mail:

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Dieses Projekt wird im Rahmen der "Gemeinschaftsaufgabe zur Verbesserung der regionalen Wirtschaftsstruktur" (GRW) häufig mit Mitteln des Bundes und des Landes Berlin finanziert.