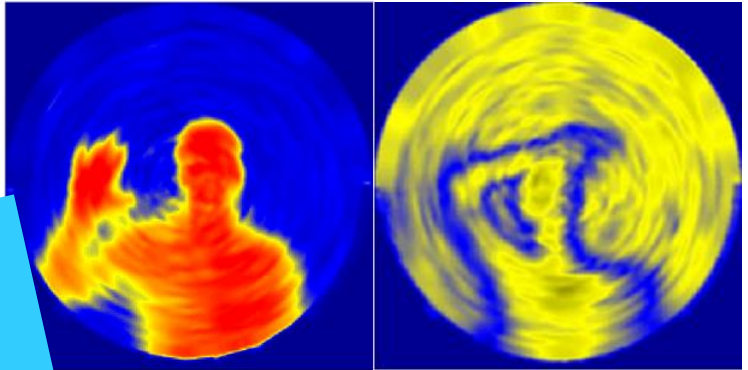


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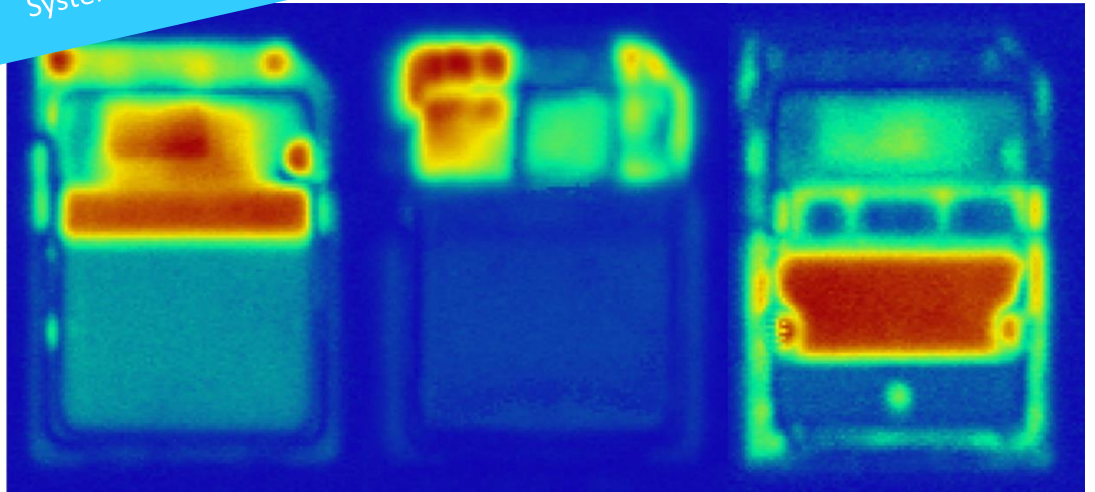
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Berlin Terahertz Symposium

Berlin Terahertz Symposium

20.11.2017 | PROGRAMME

09:30 – 10:00	Registration / Poster / Table Tops / Coffee
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
11:20 – 11:50	Coffee break & Poster / Table Tops
11:50 – 12:10	Terahertz-Components Based on 1.5 μ m 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
13:10 – 14:10	Lunch & Poster / Table Tops
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	Coffee break & Poster / Table Tops
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)
from 16:40	Wrap up / final discussion / Networking

The workshop language is English. Admission to the event is free, but early [registration](#) is required.

Venues:

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12489 Berlin-Adlershof

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RÜCKANTWORT

Berlin Terahertz Symposium

Montag, 20.11.2017

DLR

Institute of Optical Sensors Systems

Rutherfordstraße 2

12489 berlin

Anmeldung bitte bis zum 14.11.2017

Online-Anmeldung unter:

http://optecbb.de/lang/de/anmeldung_20171120_berlin_thz_symposium.php

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