

Call for Papers

**7th International Workshop on
Terahertz Technology and Applications****March 15th/16th 2016, Kaiserslautern, Germany**

jointly organized by

Fraunhofer Institute for Physical Measurement Techniques (IPM)
and the Division Optical Technologies of the
VDI/VDE Society Measurement and Automatic Control (GMA)

in cooperation with

DEUTSCHE
GESELLSCHAFT FÜR
ZERSTÖRUNGSFREIE
PRÜFUNG E.V.**Chairmen:**

- Prof. Dr. Georg von Freymann
University of Kaiserslautern, Germany
- Prof. Dr. Karsten Buse,
Fraunhofer Institute for Physical Measurement
Techniques IPM, Freiburg, Germany

Scope and Call for Papers: Nowadays Terahertz technology has proven to be a valuable tool for applications in diagnostics, measurement and testing. The industrial use of this technology, however, puts a lot of challenging questions.

The “International Workshop on Terahertz Technology and Applications” especially fosters the exchange of knowledge and experience between academics and industry in this exciting and rapidly developing field. The following renowned experts have confirmed to give invited lectures to the forum:

- Prof. Dr. Willie J. Padilla,
Duke University, USA
- Prof. Dr. Masahiko Tani,
University of Fukui, Japan
- Dr. W. Winkler,
Silicon Radar GmbH, Germany

The seventh Workshop will address primarily the topics

1. Non-destructive Testing
2. Technology for Homeland Security
3. Communications
4. Health and Social Aspects of Terahertz Technology
5. New THz system technologies

Contributions are welcome preferably – but not exclusively – in the topics mentioned above. We encourage experts from industry and universities to present new development results in the topics of the workshop.

Submission of Abstracts: Online submission of abstracts in English under www.vdi.de/gma/terahertz2016 is strongly preferred. It should not exceed approx. 400 words / 1 page A4 and give a concise résumé of the planned contribution. Preference of oral or poster presentation should be indicated.

Deadline for submission of abstracts is October 31st, 2015.

The submitted abstracts will be reviewed by the program committee. Authors will be notified not later than November 30th, 2015.

Program Committee:

- Prof. Dr. Karsten Buse, Fraunhofer IPM, Germany
- Dr. Bernd M. Fischer, ISL, France
- Prof. Dr. Georg von Freymann, University of Kaiserslautern, Germany
- Dr. Peter de Maagt, ESA, The Netherlands
- Prof. Dr. Hartmut Roskos, Johann Wolfgang Goethe-Universität, Germany
- Prof. Dr. Koichiro Tanaka, Kyoto University, Japan
- Dr. Michael Theuer, BASF SE, Germany

Workshop Fee: The workshop fee will be EUR 350 and includes proceeding, refreshments, conference dinner as well as access to the exhibition.

Exhibition and Sponsoring: Please contact for further information: joachim.jonuscheit@ipm.fraunhofer.de

Contact:

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