

Call for Papers
1st DFG MARIE workshop on
THz Photonics (TP)

In conjunction with ICTON
21th International Conference on Transparent Optical Networks,
Angers, France, July 9-13, 2019
<http://www.icton2019.com>

Technically (co-)sponsored by the IEEE

Scope of workshop: Terahertz Photonics is focused at

- **Integrated THz photonic devices**
 - Laser driven THz sources
 - THz photodiodes and photomixers
 - Photonic assisted THz mixer (down-conversion) and receiver
 - Nonlinear optical THz materials/ devices
 - Photonic assisted THz antennas
 - Photonic integrated chips for optical beam forming
- **THz functions enabled by photonics**
 - Photonic THz generation
 - Photonic THz beam forming and beam steering
 - Photonic assisted THz modulation
- **THz applications enabled by photonics**
 - Wireless communications
 - Biomedical
 - Material characterization and spectroscopy
 - Imaging and radar
 - Safety and security

TP Technical Program Committee:

Chair: Andreas Stöhr, University Duisburg-Essen, Germany

Co-Chairs: Martin Hofmann, Ruhr-Universität Bochum, Germany

Guillermo Carpintero, Universidad Carlos III de Madrid, Madrid, Spain

Mauro Pereira, Academy of Science of the Czech Republic, Prague, Czech Republic

Sascha Preu, Technische Universität Darmstadt, Germany

Björn Globisch, Fraunhofer Heinrich-Hertz Institut, Berlin, Germany

Cyril Renaud, University College London, United Kingdom

Paper submission: according to ICTON submission rules at <http://www.icton2019.com> (4 pages in electronic form, MS Word version accompanied by a PDF version, please write TP in the subject line when submitting your contribution. All papers will be included in ICTON 2019 Proceedings (published on IEEE Xplore).

Important dates:	Submission deadline:	April 14, 2019
	Notification of acceptance	April 30, 2019

Post-deadline papers with very recent results are requested by **June 1, 2019**