

IRMMW-THz

1-6 SEPTEMBER 2019



44th International Conference on Infrared, Millimeter, and Terahertz Waves

2nd CALL FOR ABSTRACTS

The 44th International Conference on Infrared, Millimeter, and Terahertz Waves, IRMMW-THz 2019 Paris, will be held in Paris at Maison de la Chimie Conference Center, from 1 to 6 September 2019.

Given the diversity of the topics, comprising fundamental and applied research, and in view of the variety of applications (communications, security, energy, astrophysics, medicine, environment,...) the conference gathers several communities of physicists, academics and industrials, who meet in this occasion each year to review the state of the art and determine the axes of future works and future collaborations in the science of infrared, millimeter, and terahertz waves.

We are expecting more than 800 researchers from all around the world.

We invite you to submit a One-page Abstract before 4 April 2019.

www.irmmw-thz2019.org/abstract-submission

A Student Workshop for bachelor, master, PhD and graduate students is organized in connection to the conference : 30-31 August, at IEMN in Lille.

Topics

1. Basic physics
2. Electronics
3. Optoelectronics
4. Materials
5. Systems
6. Large facilities and high power equipment
7. Applications
8. Astronomy, Astrophysics and Atmospheric Science

Important dates

- . One-page abstract submission: open
- . Abstract submission deadline: 4 April 2019
- . Notification of acceptance: 24 May 2019
- . Early registration deadline: 3 June 2019
- . Extended abstract submission deadline: 30 June 2019
- . Student Workshop: 30-31 August 2019, Lille
- . Conference: 1-6 September 2019
- . Exhibition: 2-5 September 2019, Paris

Conference website: www.irmmw-thz2019.org
Contact: secretariat@irmmw-thz2019.org

PROVISIONAL PROGRAM - Plenary speakers

- Dimitry BASOV, Columbia University, USA - "Quantum materials: Insights from THz and infrared nano-optics"
- Andrea CAVALLERI, MPI Structure and Dynamics of Matter, Hamburg, Germany - "Terahertz josephson plasmonics: controlling quantum excitations of layered superconductors"
- Daniel DOLFI, Thalès TRT, France - "Building blocks and concepts for THz remote sensing and communications"
- Kaz HIRAKAWA, Tokyo University, Japan - "Terahertz spectroscopy of individual nanostructures using nanogap electrodes"
- Heinz-Wilhelm HÜBERS, German Aerospace Center, Berlin, Germany - "High-resolution THz spectroscopy: from lab to space"
- Jean-Francois LAMPIN, IEMN Lille, France - "Optically-pumped terahertz sources and applications"
- Emma MACPHERSON, Warwick University, UK - "THz instrumentation and analysis techniques for biomedical research"
- Gérard MOUROU, Nobel Prize in Physics 2018, for having revolutionized the physics of lasers.
- Pascale ROY, Synchrotron Soleil, France - "Enlarging the frontiers of research in the IR/mm range using synchrotron radiation"
- Dmitry TURCHINOVICH, Bielefeld University, Germany - "Terahertz physics of graphene, possibly the most nonlinear material we know"

EXHIBITION & SPONSORSHIP

The conference also comprises a large exhibition and sponsorship opportunities presenting and highlighting the latest products and innovations in the millimetre, terahertz and infrared spectral region.

SPONSORSHIP

Standard 1 500 €

Silver 3 000 €

Gold 5 000 €

Platinum >10 000 €

EXHIBITION

28 equipped booths of 6 m²

1 booth: 2 900 € + VAT

Double booth: 5 600 € + VAT

Committees

Conference Co-Chairs

Carlo SIRTORI - Ecole Normale Supérieure, France

Jérôme TIGNON - Sorbonne University / Ecole Normale Supérieure, France

Technical Program Committee Co-Chairs

Jean-Louis COUTAZ - University of Savoie, France

Juliette MANGENEY - CNRS / Ecole Normale Supérieure, France

Local Organizing Committee

Jean LEOTIN - Toulouse University

Jean-François LAMPIN - CNRS / Lille University

Angela VASANELLI - Paris-Diderot University / ENS

Wojciech KNAP - CNRS / Montpellier University

Sukhdeep DHILLON - CNRS / Ecole Normale Sup.

Yanko TODOROV - CNRS / Ecole Normale Sup.

Gaël MOURET - Littoral Côte d'Opale University

Patrick MOUNAIX - CNRS / Bordeaux University

Emilien PEYTAVIT - CNRS / Lille University

Jean CHAZELAS - Thales

Daniel DOLFI - Thales

Frédéric TEPPE - Montpellier University

Conference General Secretary: ellipse&co

Looking forward to seeing you in Paris!