The main theme of the joint conference is MILLIMETER-WAVE AND TERAHERTZ SENSING AND COMMUNICATIONS. It covers millimeter-wave and THz antennas, circuits, devices, systems and applications.

The joint conference will be composed of keynote speeches, technical sessions, panels, and exhibitions in the following (but not limited to) topics listed beside.

**TOPICS**

**Millimeter-Wave Antennas and Passive Devices**
- Antennas and propagation
- Waveguides (DRWs, SIWs etc.), components and their integration
- Filters and transmission lines
- Phased array antennas
- Substrates and packaging (LTCC, LCP etc.)

**Millimeter-Wave Active Devices and ICs**
- Devices, MMICs, PAs, LNAs, mixers, multipliers, VCOs, detectors
- Technologies, HEMT, CMOS, HBT, GaN, BiCMOS (SiGe), Schottky, HBV
- On-wafer and advanced measurements

**Millimeter-Wave and THz Sensing**
- Instruments for radio astronomy
- Radar and remote sensing
- Earth observation, ESA MetOp SG
- Millimeter-wave and THz imaging
- Millimeter-wave and THz systems and sub-systems

**Millimeter-Wave and THz Communications**
- Wireless LANs and PANs
- 5G wireless communications
- Backhaul for 4G/5G small cells
- Wireless access systems
- Satellite communications
- Millimeter-wave energy transfer
- Millimeter-wave system-on-chip

**Sub-Millimeter-Wave and THz Technologies**
- Sub-millimeter-wave and THz devices and systems
- Photonic devices and systems
- Integration technologies

**Emerging Technologies**
- Millimeter-wave and THz biomedical applications
- Millimeter-wave and THz nano-electronic devices
- New materials (graphene, CNT, nanowires etc.)
- Nanostructured devices, circuits and antennas

**IMPORTANT DATES**

- Paper (2-4 pages) submission: February 15, 2016
- Acceptance notification: March 15, 2016
- Final paper (2-4 pages) submission: April 15, 2016

**PREPARATION OF PAPERS**

All submitted papers will be reviewed by the technical program committee of the conference and the papers that are found to be consistent with the required formats and content will be submitted to IEEE Xplore. Detailed submission instructions can be found at the conference web pages gsmm2016.aalto.fi.
The conference will be held in Espoo, Finland on June 6th-8th 2016. The venue is the main building of Aalto University, close to VTT Technical Research Centre of Finland and Millilab. This nice seaside campus area is situated about 10 km from downtown Helsinki and about 25 km from Helsinki airport.

Conference Dinner will be held at Restaurant Walhalla in Sea Fortress Suomenlinna (one of Unesco’s world heritage site), which we will reach by a boat cruise from the conference venue.

Keynote Speakers

- Michael Brandt, RPG Radiometer Physics GmbH, Germany
- Songcheol Hong, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
- Arttu Luukanen, Asqella Ltd., Finland
- Joachim Oberhammer, KTH Royal Institute of Technology, Sweden
- Vladimir V. Parshin, Institute of Applied Physics RAS, Russia
- Jyri Putkonen, Nokia Corporation, Finland
- Michael Schlechtweg, Fraunhofer Institute for Applied Solid State Physics (IAF), Germany
- Michael Shur, Rensselaer Polytechnic Institute, USA
- Andreas Stöhr, University of Duisburg-Essen, Germany
- Kazuaki Takahashi, Panasonic Corporation, Japan
- Ke Wu, Ecole Polytechnique Montreal, Canada
- Herbert Zirath, Chalmers University of Technology, Sweden

Please visit gsmm2016.aalto.fi/keynote.html for titles and abstracts.

Awards

EuMA sponsors two awards for outstanding papers in the conference. The Best Paper Award and the Best Student Paper Award will be handed out in the closing session.

Registration and Accommodation

- On-line registration is available through conference web pages gsmm2016.aalto.fi/registration.html.
- Registration fee:
  - 400 EUR for on-line registrations before May 15th 2016.
  - 500 EUR for on-site and on-line registration after May 15th 2016.

Accommodation is available in a hotel in the Campus area and in abundance in the Helsinki Downtown. Please visit conference web pages gsmm2016.aalto.fi/location.html for a list of suggested hotels.