

An International Joint Conference of

# 9th Global Symposium on Millimeter Waves GSMM2016 7th ESA Workshop on Millimetre-Wave Technology and Applications

June 6-8, 2016, Aalto University, Espoo, Finland

## IMPORTANT DATES

Paper (2-4 pages) submission: **February 8, 2016**  
Acceptance notification: **March 11, 2016**  
Final paper (2-4 pages) submission: **April 11, 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 will be later announced at the conference web pages at [gsmm2016.aalto.fi](http://gsmm2016.aalto.fi).

## TOPICS

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 and invited speeches, technical sessions, panels, and exhibitions in the following (but not limited to) topics listed beside.

### 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

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