



GSMM 2021
MAY 23-26
Nanjing China

13th Global Symposium on Millimeter-Waves & Terahertz (GSMM2021)

May 23-26, 2021 Nanjing, China

www.emcconf.org/gsmm

Call for Papers

The Global Symposium on Millimeter-Waves & THz (GSMM) is an annual forum for researchers, engineers and practitioners to present and discuss recent breakthroughs, innovations and emerging techniques in field of millimeter-wave and terahertz sensing and communications. GSMM2020 is the continuation of a series of annual global millimeter-wave and terahertz symposiums held in Nanjing, China (2008), Sendai, Japan (2009), Seoul, South Korea (2010), Espoo, Finland (2011), Harbin, China (2012), Sendai, Japan (2013), Seoul, South Korea (2014), Montreal, Canada (2015) and Espoo, Finland (2016), Hongkong (2017), Boulder (2018) and Sendai (2019).

The 13th Global Symposium on Millimeter-Waves (GSMM 2021) will be held in Nanjing, China. The main theme of the symposium is MILLIMETER WAVE AND TERAHERTZ SENSING AND COMMUNICATIONS. It covers millimeter-wave and THz electronics, antennas, circuits, devices, systems and applications. The format of the conference includes Oral sessions and Poster sessions.

Please prepare come to this unique symposium, presents your latest development, meet international colleagues, learn from experts, find collaborators.

All eligible papers will be submitted for online publication at the IEEE Xplore Digital library (EI Citation).

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Symposium 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.)

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

Sub-millimeter-wave and THz Technologies

- Sub-millimeter-wave and THz devices and systems
- Photonic devices and systems
- Integration technologies

Millimeter-Wave and THz Communications

- Wireless LANs and PANs
- 5G wireless communications
- Wireless access systems
- Satellite communications
- Energy transfer

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 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

Other Related Topics

Important Dates

<ul style="list-style-type: none"> Preliminary paper submission (3 pages in PDF) Abstract submission (500 words to 1-page) Tutorial /workshop proposal 	March 15, 2021
<ul style="list-style-type: none"> Notification of review feedback 	April 10, 2021

Organizer



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