

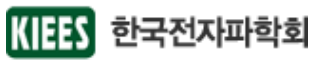
GSMM 2022

The 14th Global Symposium on Millimeter-Waves & Terahertz

May 18 - 20, 2022 • Seoul, Korea

www.GSMM2022.org

Call for Papers



Welcome to

the Global Symposium on Millimeter-Waves & Terahertz (GSMM) to be held on May 18 - 20, 2022 in Seoul, Korea. GSMM is an annual forum for researchers, engineers and practitioners to present and discuss recent breakthroughs, innovations and emerging techniques in the fields of millimeter-wave and terahertz sensing and communications. Millimeter-waves & terahertz technologies sited at the borderline between electronics and photonics are electromagnetic waves just like microwaves, radio waves, and visible and infrared light. This waveband is very important in various applications to improve industry and the advancement of the human life. Millimeter-waves & terahertz technologies are applied widespread to 5G networks, communications, measurements, medical care, biochemistry, and other fields. Under the symposium theme, "New Wave Technology for New Normal Life", it will cover millimeter-wave and THz electronics, antennas, circuits, devices, systems and applications. For more information on paper submission, please visit the website, www.gsmm2022.org.

Important Dates

February 5, 2022

- Preliminary paper submission due (2 pages in PDF)
- Abstract submission due (200 words to 1-page)
- Tutorial/Workshop proposal due

March 6, 2022

Notification of Acceptance

March 31, 2022

Final Manuscript & Pre-registration

Symposium Topics

Millimeter-Wave Antennas and Passive Devices

- Antennas and propagation
- Waveguides (DRWs, SIWs, etc.) and their components
- 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, etc.)
- Technologies (HEMT, CMOS, HBT, GaN, BiCMOS, SiGe, Schottky, HBV, etc.)
- On-wafer and advanced measurements

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
- Wireless power transfer and energy harvesting

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

Other Related Topics

Organizing Committee

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Songcheol Hong, KAIST
Bomson Lee, Kyung Hee Univ.

Technical Program Chairs

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Technically Co-sponsored by KIEES Technical Group on THz & Optical Wave Technology