TJMW2024
2024 Thailand-Japan MicroWave

King Mongkut's Institute of Technology Ladkrabang (KMITL)

Bangkok, Thailand
Oct. 2-4, 2024

https://www.ieice.org/~mw/TJMW2024/

IMPORTANT DATES

Paper submission website open: June 1, 2024
Paper submission deadline: July 1, 2024 (Published)
July 29, 2024 (Non-published)
Acceptance notification: Aug. 9, 2024
Registration website open: Aug. 9, 2024
TJMW2024: Oct. 2-4, 2024

TJMW 2024 is sponsored by IEICE Technical Committee on Microwaves and is jointly hosted by King Mongkut's Institute of Technology Ladkrabang (Technical co sponsorships will be acknowledged by IEICE Bangkok Section, ECTI Association, IEEE MTT/AP/ED Thailand Chapter, IEEE MTT S Japan Chapter, IEEE MTT S Kansai Chapter, IEEE MTT S Nagoya Chapter, IEICE Technical Committee on Integrated Circuits and Devices, IEICE Technical Committee on Wireless Power Transfer.)
TUTORIALS & TECHNICAL SESSIONS

TJMWM 2024 offers intensive tutorials and technical sessions on state-of-the-art RF, microwave, millimeter-wave, terahertz-wave theory and techniques with foresighted keynote and invited talks from Thailand, Japan and ASEAN countries. Technical sessions will take place on October 3-4. Tutorials will take place on October 2.

STUDENT DESIGN COMPETITION

All the students are welcomed to participate in the Student Design Competition, which will take place on October 2 or 3. Detail guideline will be announced in July or August on the website.

PAPER SUBMISSION

Authors are invited to submit technical papers describing original work on RF, microwave, millimeter wave and terahertz wave theory and techniques. Authors have two options for paper publication: Published paper (2-6 pages) or Non-published paper (1 page abstract). Published papers will go through review process by Technical Program Committee. Published papers will be archived in the IEICE proceedings archive. Authors are strongly encouraged to use a template file available at the website when preparing their paper. The topic includes but is not limited to:

A. Active Devices and Circuits
Low-noise devices and circuits, high-power devices and circuits, control circuits (mixers, oscillators, switches, etc.), MMICs and HMICs (receivers, transmitters, etc.), silicon RF devices

B. Passive Components
Filters and resonators, ferrite and surface wave components, packaging techniques, passive devices and circuits, waveguides, transmission lines

C. Systems
Communication systems, microwave applications (ITS, SPS, etc.), microwave medical & biological applications/EMC/EMI, phased array antenna systems

D. Fundamental theory and techniques
Scattering and propagation, electromagnetic field theory and CAD, antenna theory and designs, microwave photonics, microwave superconductivity, measurement techniques

E. Emerging Technologies
RF MEMS, active antennas, photonic bandgap and artificial metamaterials, software defined radio, wireless LAN/Bluetooth and wireless power transfer

YOUNG ENGINEERS PROGRAM

Young authors (typically 33 or less) are solicited to register their paper as a Young Engineers' Session (YES) paper upon your paper submission. The YES paper is invited to be presented both at a short presentation session and an interactive forum to obtain intensive technical feedbacks from high quality specialists in the field.

REGISTRATION

All speakers and participants are requested to register in advance from the TJMW 2024 website. Details will be announced later. Speakers and participants who are not IEICE members need to become IEICE Associate Members (Global, no membership fee).