

CALL FOR PROPOSALS FOCUS AND SPECIAL SESSIONS

Come join us in Los Angeles, California, at the 2020 International Microwave Symposium (IMS). Participate at the largest gathering of radio-frequency (RF), microwave and millimeter-wave professionals to present, collaborate and learn the latest developments in microwave theory, techniques, and its many applications. The IMS2020 theme is “Connectivity Matters” and how growing ubiquitous connectivity is advancing and improving nearly every facet of our lives.

The IEEE Microwave Theory and Techniques Society’s (MTT-S) IMS2020 will be held June 21-26 at the Los Angeles Convention and Exhibition Center. IMS2020 is the centerpiece of the Microwave Week comprised of the RFIC Symposium (www.rfic-ieee.org) and the ARFTG Conference (www.arftg.org).

Microwave Week, with more than 9,000 participants and 800 industrial exhibits of state-of-the-art microwave products, is the world’s largest gathering of RF and microwave professionals and the most important forum for the latest research advances and practices in the field.

Focus and Special Sessions are an integral part of the IMS2020 technical program. Proposals are invited for Focus and Special Sessions on topics in RF and microwave technologies that are of high interest to the microwave community.

Focus Session Proposals should highlight emerging new technical topics that are gaining importance and are of high interest to the RF and microwave community. Focus Sessions encompass a wide range of topics and may either involve a specific emerging technology or cover several technologies that are relevant to a common application. Examples of emerging technologies that are of interest include, but are not limited to:

- Ubiquitous Connectivity – 5G wireless communications (mm-waves, massive MIMO)
 - Aerospace – Mobile, SATCOM and Line-of-Sight (LOS) communications (terrestrial, maritime, airborne, LEO, MEO, GEO)
 - Automated production systems. Factory of the future (m2m)
 - Automotive (V2X)
- RF packaging and RF front-ends (RFFE)
- Convergence of RF and digital techniques at the IC and system level
- Advances in photonics and THz communications and multi-spectral radar sensors
- RF technologies for automotive radar sensors and drones
- Secure, distributed computation (quantum computing, cyber security, encryption)
- Internet of things (IoT) (consumer, industrial applications)
- Artificial intelligence and machine learning applied to microwave systems
- Wireless power transmission and conversion (ground-based, space-based)
- Non-contact, wearable, and implantable health monitoring
- RF devices and wireless sensors for medical diagnostics and treatment



International Microwave Symposium

21 – 26 June 2020
Los Angeles, California



Special Session Proposals should recognize events of historical significance to the microwave community or highlight the technical achievements in a specific technical area, application space, or geographical region of the world. IMS2020 shall accept Special Session proposals only for technical topics. Please note that the technical topic may be named after a famous individual, e.g. Doherty or Chebyshev. Special Session proposals commemorating deceased individuals shall be directed to the Memorials Committee of the MTT-S Administrative Committee (AdCom). These proposals will not be accepted or reviewed by the IMS2020 Technical Program Committee. Also, IMS2020 will NOT accept proposals commemorating individuals who are alive. Examples of Special Sessions topics include:

- Anniversary of a major invention or milestone
- Microwaves for humanitarian activities
- Microwave Activity by Regions (1-6,7,8,9,10)
- Evolution or challenges of a specific technology
- Technology advancement of special multidisciplinary technologies

Focus and Special Session Proposal Submission: If interested in submitting a Focus or Special Session proposal, please see the detailed Focus and Special Session Proposal Submission Instructions posted at www.ims-ieee.org. The Proposal Submission Deadline is 11:59 PM Hawaii ST on Wednesday, September 25 2019. Additional instructions on paper submissions will be provided to the organizers and speakers of accepted proposals. Organizers of accepted proposals should instruct their speakers to submit their papers by the IMS paper submission deadline (Wednesday, December 4 2019), and to select the Focused Session or Special Session (as applicable) category during submission. There are no exceptions to IMS paper submission deadlines, for the Focus and Special Session papers.

Focus and Special Sessions Chair: Julio A. Navarro

Contact Information: Please submit suggestions or questions (not proposals) to DrJ1@ieee.org