

# CALL FOR PAPERS

## IEEE MTT-S International Microwave and RF Conference (IMaRC) December 13-15, 2019, IIT Bombay, Mumbai, India

<b>Patrons</b> RK Shevgaonkar <i>Bennett University</i> MV Pitke <i>ex-TIFR</i>	<b>Sponsorship and Exhibition Chair</b> K D Nayak <i>Former DG, DRDO</i> Ramesh Gupta <i>Ligado Networks</i>
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<b>Chair for Women in Engineering</b> Ashwini Kotrashetti <i>DBIT</i>	

The IEEE Microwave Theory and Techniques Society (MTT-S), with technical co-sponsorship from IEEE Bombay Section and IIT Bombay, announces the 2019 IEEE MTT-S International Microwave and RF Conference (IMaRC) to be held during December 13-15, 2019 at IIT Bombay, Mumbai, India. This conference is held annually in India and provides a forum for the international community of microwave engineers to meet and present their latest technical achievements in the field of microwave and RF components, circuits, systems and modelling techniques.

The IMaRC 2019 invites papers in the areas of microwave, mm-wave and RF technologies that include, but are not limited to, the following:

- **Monolithic and hybrid integrated active components and circuits.**
- **Amplifiers, mixers, oscillators, switches, frequency dividers/multipliers.**
- **Monolithic and hybrid passive components, circuits, filters, couplers, and transitions.**
- **Signal generation and modulation circuits.**
- **Receiver and transmitter components.**
- **High power transmitters.**
- **Active antennas and phased arrays.**
- **MIMO techniques.**
- **Novel waveguides and new phenomena in waveguides.**
- **RF packaging and package modeling.**
- **Semiconductor devices and component modeling for RF applications.**
- **RF integrated circuits, MEMS and microsystems.**
- **Microwave and millimeter-wave systems.**
- **Radar, SAR and microwave imaging.**
- **Electronic warfare and other military applications of RF/microwaves.**
- **Emerging areas including nanotechnology and biomedical applications.**
- **Wireless and cellular architectures, components, and circuits.**
- **Cognitive and adaptive radios.**
- **Highly integrated packaging.**
- **Methods of maintaining signal integrity.**
- **Optical fiber techniques and microwave photonics.**
- **EMI & EMC (electromagnetic interference and compatibility).**

### Submission Guidelines

Paper submission instructions and template will be available at <http://imarc-ieee.org/>

### Important Dates

Proposals for special sessions, workshops and tutorials	June 25, 2019
Preliminary paper submissions (up to 4 pages in PDF format)	July 15, 2019
Notification of acceptance	September 10, 2019
Camera ready paper submission	October 15, 2019

Three to four page abstracts submitted to IMaRC 2019 by the submission deadline will be peer reviewed and evaluated for novelty, significance of the work, technical content and interest to the audience. Papers that are selected and presented at the conference will be published in IEEE Xplore. Final versions of the accepted papers may be up to six pages long.