



TEQIP III SPONSORED

INTERNATIONAL CONFERENCE ON MICROWAVE INTEGRATED CIRCUITS, PHOTONICS AND WIRELESS NETWORKS (IMICPW-2019)



CHIEF PATRON
Dr. Mini Shaji Thomas

PATRON
Dr. S. Raghavan

ORGANIZING CHAIR
Dr. G. Lakshmi Narayanan

ORGANIZING SECRETARIES
Dr. Chinmoy Saha
Dr. R. Pandeeswari
Dr. S. S. Karthikeyan

TPC CHAIRS
Dr. B. Malarkodi
Dr. P. Muthuchidambaranathan
Dr. D. Sriram Kumar

TPC CO CHAIRS
Dr. Mohammad Madhian & Dr. S.K. Koul

TPC MEMBERS

Dr. E. S. Gopi
Dr. N. Gunavathi
Dr. B. Rebekka
Dr. V. Sudha

Dr. R. K. Jeyachitra
Dr. R. Malmathanraj
Dr. E. Muthu Kumaran
Mr. Tejinder Singh

PUBLICATION CHAIR
Dr. M. Bhaskar

PUBLICATION SECRETARIES
Dr. Menka
Dr. S. S. Karthikeyan

ADVISORY COMMITTEE
Dr. B. Venkataramani
Dr. G. Lakshmi Narayanan

FINANCE CHAIR
Dr. P. Palanisamy

FINANCE SECRETARIES
Prof. R. Thilagavathy
Dr. S. Deivalakshmi
Prof. R. K. Kavitha

PUBLICITY & LOGISTICS
Dr. G. Thavasi Raja
Dr. Varun P. Gopi
Mr. Nrusingha Charan Pradhan

About the Conference:

The Department of Electronics and Communication Engineering of National Institute of Technology Tiruchirappalli, one of the prominent Engineering Institutions in India, takes immense pleasure in organizing an International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks (IMICPW-2019) in association with Dr. B. R. Ambedkar Institute of Technology, Andaman. This conference will provide a forum to academic researchers, practicing engineers, and industry experts to present and discuss their recent work, technical advancements, and new products. Main objective of IEEE IMICPW-2019 is to provide a platform for the community of researchers and practicing engineers to meet and present their latest technical achievements in microwave and RF components, circuits & systems, photonics, wireless networks and wireless signal processing. We welcome your participation.

Call for Papers: Track 1 : Planar transmission lines, Couplers, Dividers/ combiners, Hybrids, Lumped- element circuits, Tunable planar components and devices, Planar filters and multiplexers, Innovative synthesis and analysis, Active filters, Non planar integrated technologies (LTCC, Liquid Crystal Polymer, MCM- Deposition), Low noise circuits and modules, LNA, Detectors, Frequency generation, Conversion and control circuits, Front end and Transceiver modules, System in package, Microwave imaging, Terahertz based systems, Biological and medical applications of microwaves, RF energy harvesting, Metamaterials, Frequency selective surfaces, Electromagnetic band gap structures and components, Antenna design and characterization, Modelling, Calibration and measurements, Antenna systems, Multiple polarization, Multiple beams, Active antennas, Reconfigurable antennas, RFID antennas, UWB antennas, Wearable antennas, Implantable antennas, MIMO antennas, Array antennas, SIW components etc.

Track 2 : Optical Communication and Networks, Optical Sensors, Optoelectronic Materials & Devices Nano photonics, Bio photonics, Optoelectronic devices and integration, Light emitting and lasing, Coherent optics, Ultrafast optics, Light harvesting, Photovoltaic, Optoelectronics in energy, Lasers & Nonlinear Optics, Silicon Photonics, Optical Transceivers, IC design for optical communication, Optical network.

Track 3 : RF and wireless communication, Multipath, Measurements and Simulations in Channel Modelling in Wireless Body Area Networks, Wireless Sensor Networks (WSNs), VLSI for Signal Processing, RF/Analog circuits for IOT applications, Low power circuits for Portable/Wearable wireless devices, Digital IC design for wireless applications, Signal processing for wireless standards, 5G Wireless communication and applications, ICs for 5G Wireless communication (Analog/Digital), Software-defined mobile/wireless networks, sensor and ad hoc networks, Routing in wireless networks, Cognitive radio and networking, Resource management and optimization, Big Data enabled Self-Organized Networking, Mobile big data and network data analytics.

Contributory Paper Submission : Authors are invited to submit manuscripts in electronic (PDF) format through online submission system. All papers must be in IEEE format and maximum of five pages. The template is available on <http://imicpw.nitt.edu>. Papers submitted will be peer reviewed and all presented papers at the conference are eligible to be included in IEEE Explore.

Paper Submission Opens
01.12.2018
Paper Submission Deadline
28.02.2019

Notification of Paper Acceptance
01.04.2019

Camera Ready Paper Submission
15.04.2019

Online Registration Starts
on 16.04.2019
Online Registration Ends
on 20.04.2019

#REGISTER NOW

22-24
May 2019

DOCTORAL STUDENT'S COLLOQUIUM

The research scholars who are on the verge of completion of their research work (III or final year) can participate in Doctoral student's Colloquium by presenting their work using A3 size poster. It is a great opportunity to become part of highly motivated research community of like-minded young researcher and to meet the leading scholar in your research area.

BEST PAPER AWARD

The best paper award will be presented in each track.

TRAVEL GRANT

A limited amount of Travel Grants (To&Fro Sleeper Class Train Fare) will be awarded for student author.

INVITED SPEAKERS / SESSION CHAIRS

S. S. Pattnaik
NITTR, Chandigarh
S. K. Koul
IIT, Delhi
D. C. Pande
LRDE, DRDO
S. Christopher
Ex-Chairman, DRDO

Yahia M. M Antar
RMC, Canada
Tapan K Sarkar
Syracuse University, Newyork, USA
Arokiaswami Alphones
NTU, Singapore
Magdalena S Palma
Universidad Carlos III de Madrid, Spain

Rabindra K. Mishra
Berhampur University, Odisha
Girish Kumar
IIT, Bombay
Parveen Wahid
University of Central Florida
K. P. Ray
DIAT, Pune

Chinmoy Saha
IIST, Trivandrum
Mathini Sellathurai
Heriot Watt University, UK
T. Ratnarajah
The University of Edinburgh
J. Y. Siddiqui
University of Calcutta

V. Subramanian
IIT, Madras
Shiv Narayan
CSIR NAL, Bangalore
Srinivas Talabattula
IISc, Bangalore
Balaji Srinivasan
IIT, Madras
S. K. Varshney,
IIT Kharagpur

NITT

YOU ARE MOST WELCOME