



# CALL FOR PAPERS

**ICME 2020**  
**Jan 30-31, 2020**  
**Dubai, UAE**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICME 2020 : International Conference on Microwave Electronics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Microwave Electronics. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

- Microwave electronics
- Oscillatory systems used at microwave frequencies
- Oscillatory systems used in microwave electronics
- Narrow-band and broad-band oscillatory systems
- Electronic phenomena at microwave frequencies
- Energy exchange between an electron beam and an alternating electric field
- Interaction power between an unmodulated electron beam and an alternating field
- The retarding-field diode
- Interaction between an electron beam and a travelling wave of constant amplitude
- Interaction between an electron beam and a travelling wave varying exponentially with distance
- Energy exchange between an electron beam and a travelling wave in crossed electric and magnetic fields
- Differences between systems without constant fields, and systems with constant crossed fields
- Interaction between a density-modulated electron beam and an alternating electric field
- Electron-wave interaction between two electron streams
- Electron-wave interaction in crossed electric and magnetic fields
- Microwave electron devices
- Equivalent circuits of microwave electron devices
- Equivalent circuit of narrow-band microwave devices
- Analysis of broad-band microwave devices
- Microwave electron devices with narrow-band oscillatory circuits
- Microwave electron devices with broad-band oscillatory circuits
- Microwave devices with electron-wave interaction