



The Scientific World Journal

Special Issue on
**Microwave and Millimeter-Wave Circuits and
Devices**

CALL FOR PAPERS

The recent and rapid growth of wireless applications (WLAN, 5G, WPT system, sensors, and millimeter-wave radar) gives rise to increasing demands of high performance/low cost/small size microwave and millimeter-wave devices and circuits and their integration technologies for advanced wireless communication systems. The purpose of this special section is to invite investigators and researchers to contribute their latest original studies and developments in microwave and millimeter-wave circuits and devices. We invite authors to submit original research and review articles describing development, relevant trends, challenges, and current practices in the field of microwave and millimeter-wave circuits and devices for wireless communication systems.

Potential topics include, but are not limited to:

- ▶ Microwave and millimeter-wave passive components (filters and resonators, packaging, waveguides and striplines, optical components, LTCC devices, directional couplers and hybrids, etc.)
- ▶ Microwave and millimeter-wave active devices (active mixers, filters, amplifiers: efficient and linear solutions, etc.)
- ▶ Microwave and millimeter-wave antennas and antenna architecture
- ▶ Test and measurements for millimeter-wave devices
- ▶ Microwave and millimeter-wave integrated /on-chip antennas technologies
- ▶ Microwave/millimeter-wave measurement technologies, simulation technologies, and packaging technologies
- ▶ Microwave/millimeter-wave high speed devices for Internet of Things (IoT) and 5th generation mobile networks (5G)

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/tswj/communications/mmwc/>.

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