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Dear Colleagues,

Microwave is a term used to describe electromagnetic (EM) waves with frequencies ranging from 300 MHz to 300 GHz. This frequency range corresponds to the free space wavelengths of 1 m to 1 mm

respectively. EM waves with frequencies ranging from 30 GHz to 300 GHz are commonly known as millimetre-waves because their wavelengths fall above 1 mm and below 10 mm. The radio frequency (RF) spectrum lies below the microwave spectrum. However, the boundary between RF and microwave spectrums is arbitrary and depends on the technology developed for the exploitation of the specific spectrum.

This Special Issue is to focus on the recent developments in the analysis, design, implementation and measurement of RF, microwave and millimeter-waves circuits and devices including (but not limited to) filters, amplifiers, antennas, diplexers/multiplexers, power dividers/combiners, couplers, antennas, wireless power transfer and energy harvesting, etc. for modern communication systems. Research works based on all transmission line technologies including slotline, stripline, coplanar waveguide (CPW), waveguide, microstrip and substrate integrated waveguide (SIW) are welcomed for this Special Issue. Authors are invited to submit their latest research findings (including simulation and measurement results) for publication. Both regular articles and review papers are welcomed.

**Keywords (3–10 keywords)**

Multi-port networks; filters; amplifiers, antennas, power dividers/combiners; diplexers/multiplexers; frequency selective surfaces; metamaterials, wireless power transfer and energy harvesting.

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