



## RF and Microwave Communications

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### Message from the Collection Editor

The aim of this Topical Collection is to highlight innovative developments with respect to the current and future applications of RF and microwave communications. Topics include but are not limited to the following:

- passive devices (filters, multiplexers, couplers, dividers/combiners, hybrids, resonators);
- active components (integrated active and tunable filters, power amplifiers, oscillators and mixers);
- RF microelectromechanical and micromachined components and subsystems;
- antennas;
- RFID systems;
- artificial intelligence and machine learning algorithms, implementations, and demonstrations for spectrum sensing;
- mobile edge networking;
- MIMO and array beam operations and the management,
- design, and optimization of RF/microwave components, circuits, and systems;
- in situ sensing, diagnostics, control, reconfiguration, and optimization of MHz to THz communication;
- sensing circuits and systems;





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## Message from the Editor-in-Chief

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