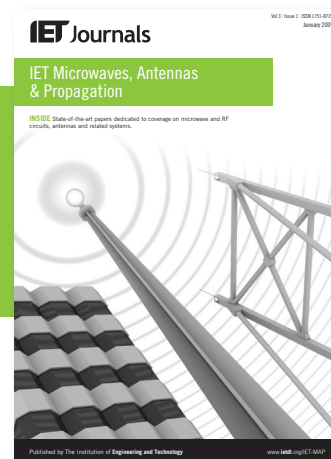


IET Microwaves, Antennas & Propagation Call for Papers

SPECIAL ISSUE ON:

RF/Microwave Communication Subsystems for Emerging Wireless Technologies



New applications for RF/microwave subsystems are being introduced as new communication and security systems, radar, surveillance, and positioning services are becoming available. The aim of this special issue is to highlight state-of-art research results on new technologies, architectures and CAD techniques of modern RF/microwave subsystems. Such efforts are the objective of the COST Action IC0803, approved in June 2008 by the European Cooperation in Science and Technology (COST) framework with the aim to address important problems and applications related to the design and optimization of modern RF/microwave subsystems. The special issue aims to identify research efforts worldwide, within as well as outside the framework of IC0803 towards ultra low power and power efficient RF technologies, smart and reconfigurable RF radio transceivers, and design and optimization methods towards highly integrated terminals.

Topics of interest include, but are not limited to:

- low power sensors and RFIDs
- energy harvesting techniques for autonomous sensors and wireless power supply
- flexible, wearable and textile based antennas and electronics
- Ultra Wideband and multi-band RF front-ends
- mitigation of analog impairments and distortion in modern transceivers.
- efficient power amplifier architectures
- microwave radiometers
- System-on-Chip
- MMwave circuits
- signal processing and analog circuit design efforts for software-defined radio.
- Substrate Integrated Waveguide (SIW) circuits
- Efficient Electromagnetic (EM) simulation techniques and hybrid optimization techniques
- multiple antenna transceivers and arrays
- system level simulations and propagation modeling

All papers must be submitted through the journal's Manuscript Central system:
<http://mc.manuscriptcentral.com/iet-map>

Proposed publication schedule:

**Deadline for submission of
papers:** 30 July 2010

**Authors to receive a
1st decision by:**
30 November 2010

Final notification of acceptance:
31 January 2011

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Q2 2011

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