

IET Microwaves, Antennas and Propagation Call for Papers

SPECIAL ISSUE ON:

Microwave Metamaterials: Application to Devices, Circuits and Antennas



Since 2000, there has been intensive research towards the application of novel ideas inspired by the unique properties of metamaterials in the field of microwave engineering and telecommunications. We have seen significant progress concerning microwave circuit, device and antenna design in terms of miniaturisation, performance improvement, multi-functionality, and efficiency. Metamaterial technology is progressively achieving a level of maturity in microwave engineering to the extent that "real-life" applications may now be envisaged on a more regular basis.

The aim of this Special Issue is to group the results of researchers in the metamaterials field, with a special emphasis on applications to microwave engineering.

Topics of primary interest include, but are not limited, to:

- theory and physical understanding of metamaterials
- three-dimensional and isotropic metamaterials
- metamaterial transmission lines, components and systems
- metamaterial-based filters
- metasurfaces
- imaging devices
- metamaterial-based or inspired antennas and electrically small antennas
- tuneable and active metamaterials and applications
- metamaterials at millimetre-wave frequencies and beyond
- fabrication techniques
- numerical techniques
- novel phenomena and devices

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 November 2009

Authors to receive a 1st decision by:

28 February 2010

Final notification of acceptance:

30 April 2010

On-line and print publication:

September 2010 (tentative)

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