



Radio Science

AN AGU JOURNAL

Special Issue of the 2016 URSI Commission B International Symposium on Electromagnetic Theory

CALL FOR PAPERS

The EMTS 2016 Special Issue is planned to be published in the peer-reviewed journal *Radio Science* in 2017. Papers are subject to the regular review process by the *Radio Science* Editorial Board.

This Special Issue provides a collection of papers presented at the “2016 URSI Commission B International Symposium on Electromagnetic Theory” (EMTS 2016) held in Espoo, Finland on August 14-18, 2016, and will include invited papers (original and review articles) and contributed papers (original articles). It is aimed at reporting progress and recent advances in the area of URSI Commission B (Fields and Waves), and covers the following topics:

- Electromagnetic theory (analytical and semi-analytical methods, mathematical modeling, canonical problems, scattering and diffraction, inverse scattering and imaging)
- Computational methods (integral equation methods, partial differential equation methods, high frequency and hybrid methods, fast solvers and high-order methods, time domain techniques)
- Materials and wave-material interaction (metamaterials and metasurfaces, plasmonics and nanoelectromagnetics, electromagnetic bandgaps and other periodic structures, optical devices, EMC and EMI, bioelectromagnetics)
- Antennas and propagation (multiband and wideband antennas, antenna arrays and MIMOs, wireless communication systems, guided waves and structures, random media and rough surfaces)
- Other topics (history of electromagnetics, education in electromagnetics)

All the participants at URSI EMTS 2016 who presented papers are eligible for submitting papers to this Special Issue. It is to be noted that invited papers in the Special Issue are based on invitations by the Guest Editors.

Important Dates for Paper Submissions:

- **December 1, 2016:**
Date first manuscript will be submitted for peer review and the special issue Call for Papers is open.
- **March 31, 2017:**
Date last manuscript will be submitted for peer review and the special issue Call for Papers is closed.

Manuscripts should be submitted through the GEMS Web site (<http://radioscience-submit.agu.org>) for *Radio Science*.

Guest Editors:

Professor Kazuya Kobayashi
Department of Electrical, Electronic, and
Communication Engineering
Chuo University
Tokyo 112-8551, Japan
Email: kazuya@tamacc.chuo-u.ac.jp

Professor Ari Sihvola
Department of Radio Science and Engineering
School of Electrical Engineering
Aalto University
Box 13000, FI-00076 Aalto, Finland
Email: ari.sihvola@aalto.fi

Contact:

For any inquiries on this special issue, please contact the Guest Editors.