

## Call for Papers

### JSTARS Special Issue on Microwave Radiometry and Remote Sensing Applications

This Special Issue of the IEEE Journal on Selected Topics in Earth Observation and Remote Sensing (JSTARS) is associated with the 13<sup>th</sup> Specialist Meeting on Microwave Radiometry and Remote Sensing Applications which was held in Pasadena California from March 24 to March 27, 2014. This year's MicroRad meeting continued the over two-decade long tradition of a dedicated meeting focusing on the latest developments and advances in the field of microwave radiometry for Earth Remote Sensing. Researchers, scientists and engineers shared new theoretical and experimental work on microwave radiometer instrumentation, techniques and applications. MicroRad 2014 was co-sponsored by the IEEE Geoscience and Remote Sensing Society, NASA JPL, URSI, and the Center for Microwave Remote Sensing (CeTeM).

The objective of the Special Issue, open to all researchers, is to select outstanding contributions on recent advances in the field of microwave radiometry, bringing together participants from the research, industrial and academic communities who are engaged in projects on microwave radiometry for remote sensing of land, oceans and atmosphere. We are targeting expanded versions of papers presented at MicroRad 2014, however, any contributions aligned with the list of topics from MicroRad 2014 will be considered for the Special Issue:

- Soil moisture and vegetation
- Snow, ice and oceans
- Temperature and humidity sounding
- Clouds and precipitation
- Theory, physical principles and EM models
- Advances in instruments and techniques
- Calibration theory and methodology
- Air and ground experimental campaigns
- Current and future satellite missions
- RFI and spectrum management

Please also note that to qualify for the special issue, the paper cannot be identical to the version that appears within the MicroRad 2014 proceedings.

Prospective authors should follow the regular guidelines of the IEEE Journal of Special Topics in Earth Observation and Applied Remote Sensing as listed inside the back cover of the journal. Authors should submit their manuscripts electronically to <http://mc.manuscriptcentral.com/jstars>. Please indicate in your submission that the paper is intended for the Special Issue by selecting "MicroRad 2014 Special Issue" from the pull-down menu for manuscript type. Questions about the submission process should be addressed to [jocelyn.chanussot@gipsa-lab.grenoble-inp.fr](mailto:jocelyn.chanussot@gipsa-lab.grenoble-inp.fr)

Inquiries concerning the Special Issue should be directed to the Guest Editors:

Dr. David Kunkee  
The Aerospace Corporation  
P.O. Box 92957 MS M5-717  
Los Angeles, CA 90009-2957  
Phone: 310-336-1125  
E-mail: David.B.Kunkee@aero.org

Dr. Shannon Brown  
Jet Propulsion Laboratory M/S 168-314  
4800 Oak Grove Drive  
Pasadena, CA 91109  
Phone: 818-393-0773  
E-mail: Shannon.T.Brown@jpl.nasa.gov

Updated information on the Special Issue of JSTARS is available at <http://www.microrad2014.org>

Manuscript submission deadline: **August 31, 2014**