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IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing

Special Issue on “Ground Penetrating Radar for Remote Sensing Applications”

This Special Issue of JSTARS is motivated by the 16th International Conference on Ground Penetrating Radar (GPR 2016) (website: http://www.polyu.edu.hk/itdevelop/lsgi/gpr2016/) held in Hong Kong on 14-17 June 2016. The GPR Conference is a longstanding traditional event that brings together scientists, academia, engineers, service providers, manufacturers, programmers, and end-users (like Government departments) working in all GPR areas, ranging from fundamental electromagnetics, antenna design, algorithm development to geophysical and engineering applications of all kinds. This special issue is open to all researchers.

Topics of the special issue will include, but are not limited to
- novel developments of GPR systems and antennas,
- advanced data and image processing algorithms,
- data modeling approaches,
- inversion method for quantitative reconstruction of material properties,
- geology, sedimentology, mining and glaciology, environmental and agricultural science and engineering,
- civil engineering applications like underground utility surveying,
- infrastructures,
- buildings,
- geotechnics,
- landmine detection,
- archeology and cultural heritage,
- planetary exploration and synthetic aperture radar,
- validation,
- security applications,
- technical reviews on the preceding topics.

Format
All submissions will be peer reviewed according to the IEEE Geoscience and Remote Sensing Society guidelines. Submitted articles should not have been published or be under review elsewhere. Submit your manuscript on http://mc.manuscriptcentral.com/jstars, using the Manuscript Central interface and select the “GPR2016” special issue manuscript type. Prospective authors should consult the site http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7416303 for guidelines and information on paper submission. Please note that IEEE JSTARS applies a mandatory page over length charge of $200 per page (beginning with page 7 and beyond).

Schedule
October 15, 2016 Full paper submission deadline
September 2017 Publication date

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