CALL FOR PAPERS

10th Workshop on Hyperspectral Image and Signal Processing: Evolution in Remote Sensing
24-26 September 2019, Amsterdam, The Netherlands

Hyperspectral imaging is one of the fast moving areas of research and industrial development in sensing technologies. In this IEEE GRSS WHISPERS 2019 Conference, we aim at gathering high-level contributions dealing with the acquisition and processing of hyperspectral data. By hyperspectral data, we mean signals acquired by spectrometers at close-range as well as images acquired from airborne and satellite sensors. Papers must address relevant topics in hyperspectral signal and image processing, and include sound implementation and validation procedures.

The technical topics of interest include (but are not limited to)
- spectrometers and hyperspectral sensors: design and calibration
- physical modeling, physical analysis
- noise estimation and reduction
- dimension reduction
- unmixing, source separation, endmember extraction
- segmentation, classification
- high performance computing and compression
- deep learning and artificial intelligence

We warmly welcome application papers, including
- airborne and satellite remote sensing,
- monitoring of the environment, pollution, precision agriculture,
- land, soil and mineralogy,
- water bodies, oceans, coastal areas,
- forestry, vegetation,
- urban areas,
- defense applications,
- astrophysics and planetary exploration
- food safety
- detection of counterfeit products
- biomedical imaging

Important Dates
April 15, 2019: Paper Submission (note that three different kinds of contributions can be submitted: full conference paper, abstract only, or already accepted journal paper)

Format
All submissions will be peer reviewed according to the IEEE GRESS WHISPERS 2019 guidelines. Submit your manuscript on https://easychair.org/conferences/?conf=whispers2019. Prospective authors should consult the site http://www.ieee-whispers.com/paper-submission/ for guidelines, templates and information on paper submission.

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Plenary Speakers
Steven Thomson, US Department of Agriculture, USA
Naoto Yokoya, The University of Tokyo, Japan
Jun Li, Sun Yat-Sen University, China