

2nd GEOLab-RISH Joint workshop on GNSS and SAR Technologies for Atmospheric Sensing

The 331st Symposium on Humanosphere Science

March 6-9, 2017

Obaku Plaza, Kyoto University, Uji, Kyoto, Japan

RISH of Kyoto University and GEOLab of Politecnico di Milano are jointly organizing the 2nd GeoLAB-RISH workshop, which is also supported as the RISH's 331st Humanosphere Science Symposium. We welcome participation of researchers and students working in the technological development and applications of various remote-sensing techniques of the atmosphere as well as numerical model studies.

Main subjects

- **SAR:** Water vapor and ionospheric maps retrieval from space-borne and air-borne SAR
- **GNSS:** Ionosphere and troposphere monitoring by ground-based GNSS network and Radio Occultation (RO)
- **Ground-based radio and optical remote-sensing techniques:** Weather radar, Wind profiling radar (WPR), Rayleigh, Raman and Mie lidars.
- **Numerical models:** Global, regional, meso-scale numerical weather prediction models and data assimilation

Program committee:

Kyoto-U: T. Tsuda, A. Saito, JMA-MRI: Y. Shoji,
PoliMI-GeoLAB: A. Monti Guarnieri, G. Venuti, GReD: E. Realini

Local organizing committee:

RISH: M. Yabuki, T. Tsuda

Contacts: Tsuda@rish.kyoto-u.ac.jp, eugenio.realini@g-red.eu

Special Issue

We plan to publish a special issue from the two workshops in Milano in February, 2016 and Kyoto in March, 2017 as well as the seminars in Como during October 11-13, 2016. We will include both overview papers and research articles.

Tour to the MU radar

A tour to the Shigaraki MU radar observatory will be scheduled during the workshop, possibly on March 9 (Thu), including a visit to the historical Byodo-in temple in Uji.



This workshop is supported in part by the bilateral collaborative program of JSPS.