



1st GEOLab–RISH joint workshop on **OBSERVATIONS AND MODELS FOR METEOROLOGY** The 313th Symposium on Sustainable Humanosphere

22 – 24 February 2016,
Politecnico di Milano (Leonardo Campus), Milan, Italy

The GEOLab-RISH joint workshop is an interdisciplinary meeting for the presentation of research activities in the fields of GNSS Meteorology, SAR troposphere analysis and mesoscale NWP models and data assimilation. Japanese research institutes, such as RISH of Kyoto University and the Meteorological Research Institute of JMA, as well as European research and academic institutions, such as GEOLab of Politecnico di Milano, Università di Roma «La Sapienza», Università di Genova and GFZ will contribute to the workshop.

Participation is free and open to all interested parties.

Key topics:

- *GNSS meteorology, incl. receiver technology and processing software*
- *Hyper-dense GNSS networks for troposphere analysis*
- *Ionosphere corrections for single-frequency GNSS receivers*
- *SAR troposphere products, analysis and methods*
- *Ground-based measurements (e.g. Raman LiDAR)*
- *NWP mesoscale models*
- *Data assimilation of GNSS and SAR products in NWP models*
- *GNSS radio-occultation*

Workshop organizers:

GEOLab – Geomatics and Earth Observation lab (Politecnico di Milano)

RISH – Research Institute for Sustainable Humanosphere (Kyoto University)

With the support of:

GeoSTARe – Geosynchronous SAR mission

GReD – Geomatics Research & Development srl



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