

2nd Italian Radar and Remote Sensing Workshop



Pavia, Italy
May 28-29, 2018

The 2nd Italian Workshop on Radar and Remote Sensing, organized by GTTI, the Italian Information and Communication Technology group, will be held at the University of Pavia. The workshop is quite informal, and aims at providing a forum for scientific exchange among the Italian and international community in this area.

Submitted contributions will not be published nor copyrighted; participants are encouraged to submit an extended abstract (maximum length: 2 pages) on original work-in-progress as well as results previously presented at other events. Access to copyrighted material will be restricted. The workshop final program will include keynote speaker talks, oral and poster presentations. The two best oral and poster presentations from under 35 y will be awarded. Summary must be submitted to the email address: rrsw2018@unipv.it

List of topics

- ❖ Remote Sensing Data Modeling
- ❖ Remote Sensing Data Quality Assessment & enhancement
- ❖ Very High Resolution Image Analysis
- ❖ Remote Sensing Applications
- ❖ Estimation and Regression
- ❖ Weather Radar
- ❖ Radar Signal Processing
- ❖ Ground Penetrating Radar
- ❖ Classification and Detection in RS Images
- ❖ Bistatic/Multistatic Radar
- ❖ MIMO Radar
- ❖ Microwave Remote Sensing
- ❖ Optical and Hyperspectral Remote Sensing
- ❖ SAR Interferometry and Differential Interferometry
- ❖ SAR Polarimetry and Tomography
- ❖ Ground Based Systems
- ❖ Data, Feature and Information Fusion Techniques
- ❖ Image and Data Processing
- ❖ Big Data from Space
- ❖ Information Extraction Techniques
- ❖ Multidimensional/multitemporal image analysis
- ❖ Radar Systems for Foliage/Ground/Building Penetration

Location

The history of Pavia is deeply connected to the history of Ticino, the river that defines life in the majority of Italian north-west. Dating back to pre-Roman times, Pavia has then become capital of Lombard kingdom, when the town shone as a multicultural center for art, science, medicine and alchemy. The University of Pavia, one of the most ancient universities in Europe, was founded in 1361, although a school of rhetoric is documented in 825 making this center perhaps the oldest proto-university of Europe. The major landmarks of Pavia, such as Saint Augustine's tomb in San Pietro in Ciel d'Oro, Basilica of San Michele Maggiore, the Old Bridge, and Visconti Castle, make the town one of the most interesting site to visit when travelling around Italy north-west. Pavia territory, marked by the hills in Oltrepo region and rice fields of Lomellina, characterizes the major gourmet choices in northern Italy by providing high quality wine variety and special expertise in risotto cooking.

Important dates

- ❖ **Abstract submission deadline:** April 5, 2018
- ❖ **Acceptance notification:** April 30, 2018
- ❖ **Workshop registration opening:** May 2, 2018

Organizing committee

- ❖ Paolo Gamba, *University of Pavia*
- ❖ Fabio Dell'Acqua, *University of Pavia*
- ❖ Andrea Marinoni, *University of Pavia*
- ❖ Gianni C. Iannelli, *Ticinum Aerospace srl*

Contacts

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