

### Program

#### February 13, 2024 Thursday

13.15 Opening

13.30-16.00 Remote Sensing

Maltese, "Remote Sensing Research at the University of Palermo's Geomatics Group"  
Belloni, "Imaging Geodesy: SAR range measurements for displacement monitoring"  
Fugazza, "Scaling up from spectroradiometer to Sentinel-2 data to investigate patterns of algal blooms at Qaanaq ice cap, Western Greenland"  
Genzano, "Advanced remote sensing techniques for environmental monitoring"  
Zollini, "Low-cost smartphone + viDoc RTK rover for infrastructure monitoring and optical and SAR image fusion for shoreline extraction"

16.30-18.40 Mobility, smart cities and GIS

Alicandro, "Two projects for smart mobility application: HD SMART MAP and GNSSTRADE"  
Oxoli, "Digital Twin approaches for urban air quality and thermal stress"  
Di Ciaccio, "Integrating AI and Geomatics for Cultural Heritage and Environment monitoring and preservation"  
Salmona, "Utilizzo e ottimizzazione di Open Data nella realizzazione di mappe di suscettività al dissesto franoso tramite regressione logistica in ambiente GIS"  
Belcore, "Design and implementation of multi-sensor Orchard Monitoring System"

20.00 Social dinner - La Vecchia Roma, Via Leonina 10, Roma

#### February 14, 2024 Friday

8.30-10.30 Cultural Heritage

Tini, "Integrated geomatic techniques for multiscale for multiscale applications in Cultural Heritage"  
Bruno, "Investigation on advanced information management and cost-effective data acquisition across multiple scenarios"  
Treccani, "Analisi e gestione di nuvole di punti per lo studio di aree urbane storiche e paesaggi in siti UNESCO"  
Franzini, "Reconstructing Reality: Aboveground and Underground Digital Surveys"

11.00-13.10 Positioning and Mapping

Lambertini, "Surveying from Uncrewed Vehicles: Case Studies"  
Di Pietra, "Automated Corrosion Surface Quantification in Steel Transmission Towers Using UAV Photogrammetry and Deep Convolutional Neural Networks"  
Maset, "Mobile Robotics and Autonomous Mapping"  
Tavasci, "Il posizionamento GNSS di alta precisione: dal monitoraggio di strutture e territorio al rilievo cinematico MMS"  
Capolupo, "Assessing the accuracy of open source Global DEMs for land cover change detection in GEE environment"

13.15 Closing