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## Topics

- Positioning and navigation
- Sensors
- Smart Unmanned Systems and Cooperative Systems
- Mapping Technology
- Artificial Intelligence and information extraction methods
- Mobile Mapping applications (smart cities, surveying, BIM, 3D mobile mapping and GIS Integration, cultural heritage, monitoring, risk management, intelligent transportation systems, LiDAR and SAR mapping systems, big data, internet of things)

## Contacts

For further and up-to-date information about the Symposium and paper submission please visit the CIRGEO website at:

<https://www.cirgeo.unipd.it/mmt/>

1222·2022  
**800**  
ANNI



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### Important dates:

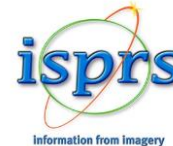
Very early bird registration	01 January 2023
Early bird registration	01 April 2023
Paper submission	01 March 2023
Review results	20 March 2023
Camera-Ready paper submission	30 April 2023

Mobile Mapping School	23 May 2023
Mobile Mapping Conference	24-26 May 2023

<https://www.cirgeo.unipd.it/mmt/>



International  
Association of  
Geodesy



# The 12th International Conference on Mobile Mapping Technology

Organized by: CIRGEO  
Interdepartmental Research Center  
of Geomatics

24 - 26 May 2023

1222·2022  
**800**  
ANNI



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Prato della Valle, one of the largest squares in Europe

Palazzo della Ragione

The Interdepartmental Research Center of Geomatics of the University of Padua is glad to announce that the 12<sup>th</sup> International Symposium on Mobile Mapping Technology will be held in Padua, Italy, in May 2023. This event is jointly organized with the Dept. of Geomatics Engineering of the University of Calgary (Canada) and the Department of Civil, Environmental and Geodetic Engineering Department of The Ohio State University (USA).

The aim of the Conference is to bring together researchers, industry developers, users and anyone interested in Mobile Mapping Systems to discuss the most recent technologies, exchange experiences and promote future research, development and production.

Plenary sessions will offer the opportunity to attend to paper presentations of leaders in fields such as: sensors and data acquisition systems, mapping systems, autonomous systems, automatic information extraction, mobile mapping applications.

The **topics** of the Conference are the following:

- Positioning and navigation (satellite, indoors, pedestrian, ubiquitous, seamless)
- Sensors (cameras, LiDAR, inertial, radar, sensor calibration and integration)
- Smart Unmanned Systems and Cooperative Systems (UAV/UAS, autonomous vehicles and robots)

- Mapping Technology (SLAM, high precision map, collaborative mapping)
- Artificial Intelligence and information extraction methods (object extraction and recognition, semantic interpretation and segmentation, image and spatial data processing, land-airborne-satellite data fusion, remote sensing and spectral data processing)
- Mobile Mapping applications (smart cities, surveying, BIM, 3D mobile mapping and GIS Integration, cultural heritage, monitoring, risk management, intelligent transportation systems, LiDAR and SAR mapping systems, precision agriculture, forestry, big data, internet of things)

A one-day **Mobile Mapping School** will be also provided to those all who are interested to follow courses on this field.

### *The venue*

The University of Padua, host of the Symposium, was founded in 1222 (800 years in 2022). It is the 2<sup>nd</sup> oldest University in Europe, one of the most ancient in the world. The University is world famous for its schools of Medicine (anatomy), Law, Mathematics and Physics. Nicolaus Copernicus was among the scholars of the University and Galileo Galilei taught here from 1592 to 1610.

The University of Padua boasts the first woman to graduate in the world, which achieved her degree in philosophy in 1678 (Elena Lucrezia Cornaro Pisapia). The conference will be held in the heart of the city of Padua, at S. Gaetano Cultural Center. The venue offers convenient access to the main artistic and historical sightseeing of Padua, like the world famous St. Anthony Basilic (13<sup>th</sup> –14<sup>th</sup> century), the Scrovegni Chapel (early 14<sup>th</sup> century), hosting precious frescoes by Giotto, Palazzo della Ragione (13<sup>th</sup> -15<sup>th</sup> century), the Anatomic Theatre (fully on wood, built in 1594) and the oldest Botanic Garden in Europe (1545). Hotels are also located within walking distance from conference site.

The city of Padua is well connected by taxi, bus and train to the Venice airport (35 km), providing efficient access to most important air traffic nodes in Italy (Rome, Milan) and Europe (Paris, Berlin, London, Frankfurt, Madrid, etc.).

### *Symposium Tours*

Tours to artistically interesting landmarks: Palazzo del Bo' (e.g. Anatomic Theatre, Aula Magna and Galileo's chair), Verona, Venice and the Venetian Villas, along the Brenta river, can be organized, on request, through a local tourist agency.



S. Gaetano Cultural Center



Botanical garden