

1st International Conference Geomatics and Restoration Conservation of Cultural Heritage in the Digital Era

22-24 May 2017, Florence, IT

AUTEC - Academic Association of Topography and Cartography, SIRA - Academic Association of Architectural Restoration, and IGMI - Italian Geographic Military Institute are organizing the 1st International Conference on "Geomatics and Restoration: Conservation of Cultural Heritage in the Digital Era". The conference is supported by ISPRS (WG IV/2, WG V/1, WG V/2, WG II/8) and CIPA Heritage Documentation.

ORGANIZED BY



SUPPORTED BY



Starting from the main output coming from all technologies - 3D point clouds - a myriad of new representations are offered for planning and analysis of conservation projects, and for disseminating information about heritage sites as well as many new problems. But traditionally geomatics and restorers approach cultural heritage from different perspectives: data producers often overestimate the importance of accuracy, while data users do not appreciate the importance of a correct methodology in creating a reliable survey of an architectural complex. Sharing, exchanging, and exploring new approaches, good practices, and research results in this cross-disciplinary arena between these worlds should be helpful in order to develop a common language and to share common goals.

The event will consist of technical sessions with oral presentations, a special session presenting the results of the Young Researchers Workshop, short multimedia presentations and posters.

Full information and helpful hints can be found on <http://geores2017.geomaticaeconservazione.it>

Accepted papers are published in the ISPRS International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences.

A special issue of Applied Geomatics and of ANANKE will publish a reviewed version of the best papers.

REGISTRATION FEES

The regular registration fee includes: participation in the event, proceedings, coffee breaks, lunches and social dinner. The conference fee is 400 €. One day registration fee is 110 €.

UNDER THE PATRONAGE OF



SPONSORED BY



TOPICS

1. Documentation of monumental complexes
2. The use of digital images in visible and not-visible ranges
3. Thematic data documenting pathologies, materials, decay, data georeferencing
4. Risk and resilience
5. HBIM for management and maintenance, the relationship between recording and design processing
6. Digital and physical replicas - augmented reality, virtual restoration
7. Education: courses, workshops, summer schools... developing new professional skills, communication

PRELIMINARY WORKSHOP

The workshop (19-21/05) is devoted to PhD students, postdoctoral fellows and young researchers, and it is aimed at establishing a first contact between geomatics and restorers, to discuss and to interchange ideas about Cultural Heritage documentation, training activities, share experiences and points of view. The workshop will take place at the Palazzina della Livia, in Florence. The main topic will be the processing of previously acquired data, as well the demonstrations with the most innovative instruments. However, the workshop core will be the exchange of skills and expertise among participants with different backgrounds. In the first day of the conference, a special session is reserved for the presentation of the results in order to highlight the most important raised issues.

VENUE

