

GeoRes2017

1st International Conference on “Geomatics and Restoration: Conservation of Cultural Heritage in the Digital Era”

Conference: 22-24 May 2017

Preliminary Workshop: 19-21 May 2017

Venue: Florence, Italy

geores2017.geomaticaeconservazione.it

Abstract submission: 27 January 2017

Call for Papers

Dear friends and colleagues,

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 V/1, WG V/2 WG II/8) and CIPA Heritage Documentation.

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. For example, 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.

We are pleased to invite you to participate in GeoRes2017, the 1st International Conference on “Geomatics and Restoration: Conservation of Cultural Heritage in the Digital Era” being held from 22 to 24 May, in Florence, Italy.

Contributions in the form of papers and short multimedia presentations are invited on the following 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
6. Digital and physical replicas - augmented reality, virtual restoration
7. Education: courses, workshops, summer schools.... developing new professional skills
8. The relationship between recording and design processing
9. Communication

The event will consist of single-track technical sessions with oral presentations, a special session presenting the results of the Young Researchers Workshop, short multimedia presentations and a panel about “Cities of Art: Risk and Resilience”.

Full information, instructions, and helpful hints for abstracts and papers can be found on geores2017.geomaticaeconservazione.it

Important dates:

End of November: First call
27 January: Extended Abstract Submission
15 February: Notification to Authors
07 April: Full Paper Submission
04 February: Young Researchers Workshop Standard Registration
14 April: Young Researchers Workshop Late Registration
17 March: Conference Registration

19-21 May: Young Researchers Workshop

22-24 May: Conference

Paper submission and proceedings

Authors should present an extended abstract, which will be blind reviewed. Accepted papers will be published in the *ISPRS International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences*. Each submitted paper needs at least one paid registration fee in order to be published in the ISPRS Archives. The final full paper should be formatted following the ISPRS format, with a max length of 8 pages (see ISPRS Orange Book http://www.isprs.org/documents/orangebook/PDF/ISPRsguidelines_authors.pdf).

Registration fees

The regular registration fee includes: participation in the event, proceedings, coffee breaks, lunches and social dinner.

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| Workshop | Before 04.02 | Before 14.04 |
| | € 100 | € 130 |
| Conference | Before 17.03 | On site |
| | € 350 | € 400 |

Further information will be posted in the web site geores2017.geomaticaeconservazione.it

Please circulate this announcement to all your colleagues and apologies for any cross-posting.

On behalf of the Organizing Committee

Grazia Tucci