

# GEORES2017

1<sup>st</sup> International Conference

## Geomatics and Restoration

### Conservation of Cultural Heritage in the Digital Era

22-24 May 2017

Caserna Redi, Via Cherubini 5, Florence, IT

Organized by



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## SCIENTIFIC PROGRAMME

<http://geores2017.geomaticaeconservazione.it>  
[info.geores2017@geomaticaeconservazione.it](mailto:info.geores2017@geomaticaeconservazione.it)



22  
Monday

REGISTRATION

9:00 - 10:00

OPENING CEREMONY - Greetings from the Authorities

10:00 - 11:00

Ministry of Cultural Heritage Activities and Tourism  
Regione Toscana  
Municipality of Florence  
Commission for the Architectural and Landscape Heritage  
University of Florence  
Gianfranco Rossi, IGM Commander  
Stefano F. Musso, SIRA President  
Antonio Vettore, AUTECH President  
Grazia Tucci, GEORES2017 Conference Chair

COFFEE BREAK

11:00 - 11:30

KEY NOTES

11:30 - 13:00

HARNESSING DIGITAL WORKFLOWS FOR CONSERVING HISTORIC PLACES

Santana Quintero Mario

SURVEY AND RESTORATION

Mileto Camilla, Vegas Lopez-Manzanera Fernando

THE ACQUISITION, PRODUCTION AND DISSEMINATION OF GEOSPATIAL  
DATA FOR EMERGENCY MANAGEMENT AND PRESERVATION OF CULTURAL HERITAGE

Santoro Enzo

LUNCH

13:00 - 14:00

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Title: Metric survey and BIM technologies to record decay conditions

Authors: Lo Turco M., Mattone M., Rinaudo F.

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Title: Conservation process model (CPM): a twofold scientific research scope in the information modelling for cultural heritage

Authors: Fiorani D., Acierno M.

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Title: Survey, HBIM and conservation plan of a monumental building damaged by earthquake

Authors: Oreni D., Brumana R., Della Torre S., Banfi F.

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### COFFEE BREAK

15:30 - 15:45

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Title: Critical issues and key points from the survey to the creation of the historical building information model: the case of Santo Stefano Basilica

Authors: Castagnetti C., Dubbini M., Ricci P.C., Rivola R., Giannini M., Capra A.

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Title: 3D modelling in the registration and restoration of a megalithic tomb

Authors: Fernandez-Eraso J., Mujika-Alustiza J.A., Perez Vidiella P., Rodriguez Miranda A., Valle Melon J.M.

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Title: From virtual to material restoration. A proposal for the reassembly of the altar of the Holy Hearth of Mary in the Cathedral of Santa Maria Assunta in Gerace (Reggio Calabria, Italy)

Authors: Prampolini F., Oteri A.M., Caporale S., Mazzeo S., Muschera' F.

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Title: From daguerreotypes to digital automatic photogrammetry. Applications and limits for the built heritage project

Authors: Fassi F., Campanella C.

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Title: From documentation images to restoration support tools: a path following the Neptune fountain in Bologna design process

Authors: Apollonio F.I., Ballabeni M., Bertacchi S., Fallavolita F., Foschi R., Gaiani M.

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Title: Beyond point clouds and virtual reality: innovative methods and technologies for the protection and promotion of cultural heritage  
Authors: Canevese E.P., De Gottardo T.

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Title: Using webgis and cloud tools to promote cultural heritage dissemination: the historic up project  
Authors: Tommasi A., Cefalo R., Zardini F., Nicolauicg M.

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Title: Bridging the gap between global and local strategies of architectural conservation, examples of the current scenarios in India  
Authors: Kavuru M.

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COFFEE BREAK

15:30 - 15:45

TECHNICAL SESSION - Education and Communication/2

parallel session 15:45 - 17:15  
Chaired by A. Bitelli and V. Bonora

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Title: Image-based virtual tours and 3d modeling of past and current ages for the enhancement of archaeological parks: the visualversilia 3d project  
Authors: Castagnetti C., Giannini M., Rivola R.

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Title: The city and the restauration. Recovery activity or restitution of virtual images finalized to the protection of architectural heritage, but also to restoration of the original image of the spaces and the monuments. Alessandro Antonelli and the Baroq  
Authors: Giusti F.

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Title: Villa Stein-de-Monzie by Le Corbusier (1926-1928). Conservation strategies between research and education  
Authors: Balletti C., Di Resta S., Faccio P., Guerra F., Pandolfo M.

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Title: Survey and restoration: new ways of interaction  
Authors: Battini C., Vecchiattini R.

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