RECONSIDERING ARCHAEOLOGY AND ARCHITECTURE

Book of abstracts

Alessandro Camiz

Davide Ghaleb Editore
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Table of contents

Editor’s note on the Archaeological Landscape
Alessandro Camiz

The Camouflage of Architecture in Archaeological Sites
Ma’in Abushaikha

Viminacium aqueducts. Constructing the Deconstructed
Emilija Nikolić

Architectural Composition in Archaeological Areas
Alessandro Camiz

Revitalization of Historical City Districts. Case study:
Kafir Ashri, Mina al-Basai, Alexandria, Egypt
Nevine Gharib

The Acheiropoietos Monastery: Survey and Restoration in Cyprus
Marika Griffo

Archaeology and Architecture: Case Studies
Endriol Doko

Digital survey and archaeological landscape, tools for knowledge and design
Giorgio Verdiani, Andrea Braghiroli

Best Practice of Industrial Heritage Conservation: Contrasting
Comparative Study
Hassina Nafa

Building on the Heritage: the case of Tirana
Gjergji Islami, Denada Veizaj

Survey, Modeling, Interpretation as Multidisciplinary Components of a Knowledge System
Carlo Bianchini

Enhancement of archaeological sites: bringing Life back to Gerasa
Ahmad Bashir Bani Mustafa
Editor's note on the Archaeological Landscape

Alessandro Camiz

We decided to base the sixth edition of Girne American University Architecture summer school, entitled to the memory of Enrico Guidoni, on a “not picturesque” understanding of landscape. We do not intend here the archaeological landscape as what man perceives, as stated in the European Landscape Convention, but what man, working, transforms, or to better say “the form that man, for the purpose of agricultural production, consciously and systematically gives to the natural landscape”. The Faculty of Architecture of Rome “Valle Giulia”, of Sapienza, initiated back in 2005 a study on the territory of Castel Madama, following an agreement with Castel Madama local administration to establish a Pole of Research and Higher Education in the Castello Orsini. At that time, I was a Ph.D. student in City History under the direction of prof. Enrico Guidoni (unfortunately died prematurely in 2007) who assigned me the organization of cultural events in the Castle Orsini, together

**Digital survey and archaeological landscape, tools for knowledge and design**

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The digital survey technologies allow to gather large amount of data with high accuracy and rapid operative times. In our days they are a perfect tool of knowledge and documentation, but they must be oriented to the needs of the restorer, of the archaeologist, of the landscape planner and of the architect. This requires expansion of general skills, to better understand the tools and bend them to scientific requirements. These figures should keep an eyesight on the range of challenges linked to the use of a fully digital environment. In this intervention the whole set of tools and the first results coming from the workshop will be presented, underlining the achieved level of documentation, the specific vantages and the further development and main possibilities in the use of the general dataset. The adopted 3D laser scanner and photogrammetry workflows will be described as well the procedure for immediate data post processing. The new and specific set of produced 3D models and graphic will be presented. A specific part of the presentation will be dedicated to previous experiences operated in the digital survey of built heritage in the collaboration between GAU and DIDA.

Giorgio Verdiani. Researcher at the Dipartimento di Architettura in Florence since 2006. He has taught at the Università degli studi di Firenze and at other institutions. Active in various international conferences on Cultural Heritage and New Technologies. From 2013 he is the coordinator of the DIDALABS system.

Andrea Braghiroli. Architect and video/graphic designer, has been collaborating with the Dipartimento di Architettura since 2012 as tutor and later as an instructor for the 3D software courses. Also teaching in different schools and working within the field of digital survey and 3D modeling for Cultural Heritage.
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