RECONSIDERING ARCHAEOLOGY AND ARCHITECTURE

Book of abstracts

Alessandro Camiz

Davide Ghaleb Editore

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ISBN: 978-88-98178-87-2

Prima edizione: 2016 Copyright © - Alessandro Camiz
ISBN: 978-1-326-73620-0

www.formacivitatis.com - editor@formacivitatis.com

In copertina,

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Forma Civitatis, 2

Book series directed by
Alessandro Camiz

Davide Ghaleb Editore

Abstract collection of the International Summer School "ENRICO GUIDONI", City and Territory: Archaeology and Architecture, Castel Madama (RM), Castello Orsini; Rome, Parco Regionale dell'Appia Antica, Italy, September 2-11, 2016, organized by the Proloco Castel Madama and the International Centre for Heritage Studies of Girne American University.

In collaboration with:
Scuola di Specializzazione in Beni Architettonici e del Paesaggio, "Sapienza", Università di Roma; Mersin Unversity, Mersin; Çankaya University, Ankara; Fakulteti i Arkitekturës dhe Urbanistikës Universiteti Politeknik i Tiranës, Albania; Alexandria University, Egypt, DiDALabs system, Department of Architecture, University of Florence, Italy.

With the patrociny of:
European University Centre for Cultural Heritage, Ravello; Società Tiburtina di Storia e d'Arte, Tivoli; Parco Regionale dell'Appia Antica, Rome; Istituto Alcide Cervi, Biblioteca Archivio Emilio Sereni, Gattatico (RE); Centro internazionale di studi per la storia della città. Fonti d'archivio e patrimonio architettonico-ambientale, Rome; Association for Historical Dialogue and Research, Cyprus, Department of Cultural Heritage of the Rome Chapter of Architects, Italy, Centro Studi Città e Territorio, Italy.

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Digital survey and archaeological landscape, tools for knowledge and design

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Keywords: Digital survey, Laser scanner, Architecture

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.

Camiz, A. (2015). Designing contested Heritage within the sacred Context. The Αχειροποιητοσ Monastery, Cyprus, in G. Verdiani, P. Cornell, P. Rodriguez-Navarro (eds.) Architecture, Archaeology and contemporary City Planning. "State of knowledge in the digital age", Proceedings, (Valencia, Spain 18-20th May 2015), Raleigh NC: Lulu Press Inc., 78-90.

12. November 2014, digital survey of the Acheiropoietos monastery in Lambousa.

13. November 2014, digital survey of the Acheiropoietos monastery in Lambousa.

14. November 2014, digital survey of the Acheiropoietos monastery in Lambousa.

15. November 2014, digital survey of the Acheiropoietos monastery in Lambousa.

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Abstract collection of the International Summer School "Enrico Guidoni", City and Territory: Archaeology and Architecture, Castel Madama (RM), Castello Orsini; Rome, Parco Regionale dell'Appia Antica, Italy, September 2-11, 2016, organized by the Proloco Castel Madama and the International Centre for Heritage Studies of Girne American University.

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ISBN 978-88-98178-87-2

€ 10,00