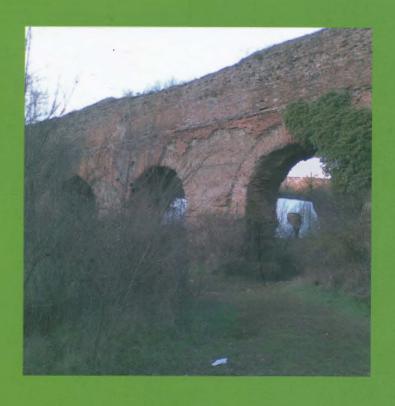
RECONSIDERING ARCHAEOLOGY AND ARCHITECTURE

Book of abstracts

Alessandro Camiz





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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.

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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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