

[Publications](#)[Archive](#)[Volumes](#)[Full Text Search](#)[Title and Author Search](#)[Annals](#)[ISPRS Journal](#)[ISPRS Journal Geo-Info](#)[ISPRS eBulletin](#)[ISPRS Highlights](#)[Book Series](#)[Brochure](#)[ISPRS Profile](#)[Annual Reports](#)[Related Publications](#)[Booklets](#)[Volume XXXVIII-5/W16](#)

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XXXVIII-5/W16, 529-536, 2011

www.int-arch-photogramm-remote-sens-spatial-inf-sci.net/XXXVIII-5-W16/529-2011/

doi: 10.5194/isprsarchives-XXXVIII-5-W16-529-2011

© Author(s) 2011. This work is distributed

under the Creative Commons Attribution 3.0 License.

3D SURVEY OF THE EARLY-MIDDLE BRONZE AGE WORKSHOP COMPLEX AND CEMETERY AREA AT ERIMI-LAONIN TOU PORAKOU

G. Tucci¹, L. Bombardieri², A. Conti¹, and L. Fiorini¹

¹GeCo – Geomatics and Communication for Cultural Heritage Laboratory, Univ. of Florence

²KVP – Missione archeologica italiana a Erimi, Dipartimento di Scienze dell' Antichità, Univ. of Florence

Keywords: Archaeology, Cultural Heritage, CAD, Representation, Modelling, Laser Scanning

Abstract. Kouris Valley Project is an archaeological research project held from 2007 by University of Florence and directed by Prof. A. M. Jasink, under the field direction of Dr. L. Bombardieri in the Kourion area (Limassol, Cyprus). During the 2010 field season the collaboration of GeCo (Geomatics and Communication for Cultural Heritage Laboratory, University of Florence) was requested with the aim at the laser scanner survey of Erimi-*Laonin tou Porakou* site area. The survey involved two areas, a workshop and a cemetery, as well as some small ceramic finds. Range maps was used for different aims: to make a full-scale replica of a tomb to exhibit at Limassol museum and for the documentation of the excavation of the workshop. This one is a rather extreme case study: most significant artifacts are shallow carvings into bedrock and could be confused with natural elements. In this case the aim was to get automatic and accurate drawings comparable with traditional ones. The paper reviews the expressive potential of drawings done using different techniques and softwares, each one with its assets and restrictions.

[Conference Paper](#) (PDF, 1662 KB)

Citation: Tucci, G., Bombardieri, L., Conti, A., and Fiorini, L.: 3D SURVEY OF THE EARLY-MIDDLE BRONZE AGE WORKSHOP COMPLEX AND CEMETERY AREA AT ERIMI-LAONIN TOU PORAKOU, Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XXXVIII-5/W16, 529-536, doi:10.5194/isprsarchives-XXXVIII-5-W16-529-2011, 2011.

[Bibtex](#) [EndNote](#) [Reference Manager](#) [XML](#)

