

401 TO USE OR NOT TO USE: 3D DOCUMENTATION IN FIELDWORK AND IN THE LAB [3D-ARCHAEOLOGY]

Time: Friday 2 Sept, 8:30 - 13:00

Format: Discussion session

Organisers: Hostettler, Marco (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Drummer, Clara (Orthodrone GmbH, Kiel) - Emmenegger, Lea (Freelancer) - Stäheli, Corinne (Institute of Archaeological Sciences, University of Bern)

PAPERS

8:30 INTRODUCTION

8:45 3D DOCUMENTATION OF MANY FACES

Janek, Tomáš - Souček, Josef (National Museum, Prague)

9:00 FAST AND ACCURATE DOCUMENTATION OF COMPLEX ARCHAEOLOGICAL FEATURES. CASE STUDY: A CHALCOLITHIC DWELLING BELONGING TO CUCUTENI CULTURE, NE ROMANIA

Brasoveanu, Casandra (Arheoinvest Research Centre, Science Department, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi) - Brunchi, Radu (Doctoral School, Faculty of History, Alexandru Ioan Cuza University of Iasi) - Tencariu, Felix-Adrian - Asăndulesei, Andrei (Arheoinvest Research Centre, Science Department, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi)

9:15 RE-EVALUATING THE FRAGMENTARY CULT STATUE AT KLEONAI, GREECE THROUGH 3D DOCUMENTATION AND STUDY

Levitan, Rebecca (University of California, Berkeley) - Levine, Evan (Brown University) - Öztürk, Hüseyin (University of Cincinnati) - Nenova, Denitsa (independent scholar)

9:30 WHEN 3D DOCUMENTATION CREATES EXCAVATION SLICES

Tamba, Robert - Pujol, Angels (GIRA association)

9:45 EXCAVATION IN 3D: CAN A 3D-VIEWER TOOL HELP TO UNDERSTAND AND PRESENT COMPLEX STRATIGRAPHY?

Pohl, Henrik - Dworsky, Cyril (Kuratorium Pfahlbauten) - Raab, Gerald - Wessling, Ronald (3D Studio Crazy Eye)

10:00 DISCUSSION SLOT

11:00 FROM A PENCIL TO THE 3D MODEL

Miszcz, Lukasz (Institute of Archaeology Jagiellonian University) - Ostrowski, Wojciech (Wars) - Papuci-Władyka, Ewdokisia (Institute of Archaeology Jagiellonian University; University of Warsaw)

11:15 STRUCTURE FROM MOTION PHOTOGRAMMETRY APPLIED TO ARCHAEOLOGICAL EXCAVATIONS: PERSPECTIVES FROM A DECADE OF WORK AT THE MEMOLAB

Rouco Collazo, Jorge - Romero Pellitero, Pablo - Ramos Rodríguez, Blas - Valencia Jiménez, Isabel M^a (University of Granada)

11:30 HAND SCANNING ON THE SWEDISH WEST COAST: PROS, CONS, AND AN UNCERTAIN FUTURE

Skole, John (The Archaeologists, The National Historical Museums)

11:45 DISCUSSION SLOT

POSTERS

A. 3D DOCUMENTATION METHODOLOGY IN ARCHAEOLOGY. BENEFITS AND PROBLEMS IN THE STUDY OF THE MEGALITHIC NECROPOLIS OF LA LENTEJUELA (TEBA, SPAIN)

Vijande, Eduardo - Becerra Martín, Serafín - Muñoz Muñoz, Alejandro - Fernández Sánchez, Diego (Universidad de Cádiz) - Moreno Márquez, Adolfo (Universidad de Almería) - Gómez Sánchez, Leticia - Cantillo Duarte, Juan - Ramírez Amador, José - Pavón González, Laura (Universidad de Cádiz)