

Session #520 Integrating all Dimensions: 3D-Applications from Excavation to Research to Dissemination

Organizers:

Hostettler, Marco; Drummer, Clara; Emmenegger, Lea; Reich, Johannes; Stäheli, Corinne

September 7th, 2021

14:30 Introduction

14:45 Ceramics 3D: Digital documentation and dissemination of ceramic finds from Guadalupe, Honduras

Franziska Fecher, Mike Lyons, Markus Reindel, Peter Fux, Hubert Mara, Paul Bayer, Brigitte Gubler

15:00 Accuracy and mechanical strength of Late Prehistory balances: a 3D-modelling-based approach

Thibaud Poigt, Florent Comte

15:15 Deer Antler Stories – combining 3D-technologies, artistic research and archaeology to bring Mesolithic storytelling practices back to life

Marja Elina Ahola, Katri Lassila, Elviira Davidow

15:30 Discussion mit Poster

15:45 Looking back going forward: Learning from 100 years of process in the digital turn

Alexis Pantos, Owen Murray

16:00 Development and Integration of 3D-Applications in Japanese Archaeology

James Frances Loftus, Atsushi Noguchi

16:15 Discussion slot II and PAUSE 15 min

16:45 Implementing a 3D documentation workflow for context-based excavations: the chalcolithic settlement at Tell Yunatsite, Bulgaria

Brent Whitford

17:00 3D documentation as building blocks for research on prehistoric sites in the Balkans – Visualizing Svinjarička Čuka and Bijeljina

Irene Maria Petschko, Mario Gavranović, Barbara Horejs, Michael Klein

17:15 Discussion slot III

17:30 3D Technologies for Archaeological Research in the Tropical Forest of the Maya Area

Gaspar Munoz Cosme, Cristina Vidal Lorenzo, Andrea Aliperta

17:45 Settlement, fortification and fluvial channel. Integration of 3D photogrammetry at Pohansko near Břeclav

Michaela Prištáková, Petr Dresler

18:00 3D Documentation in Saari Manor Excavation 2020

Nikolai Paukkonen, Kari Uotila

18:15 Discussion Slot IV

Poster

Three-dimensional seeds. Implementing 3D technologies in Archaeobotany

Antonella Aquaro

