



## 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*

