

# **Bridging Natural Sciences and Cultural Heritage in the Middle East**

## **Report of Contributions**

Contribution ID: 3

Type: **not specified**

## Registration

*Tuesday 3 December 2024 09:30 (30 minutes)*

Contribution ID: 4

Type: **not specified**

## Accessing hidden text on papyri - Elephantine and beyond

*Tuesday 3 December 2024 11:30 (40 minutes)*

**Presenters:** MERTAH, Eid (Egyptian Museum , Cairo); MAHNKE, Heinz-Eberhard (Egyptian Museum and Papyrus Collection and HZB/FU Berlin); LEPPER, Verena (Egyptian Museum and Papyrus Collection, Berlin)

**Session Classification:** Ideas, Projects, and Analytical Needs

Contribution ID: 5

Type: **not specified**

## Early Islamic dipinti from archaeological contexts

*Tuesday 3 December 2024 12:10 (25 minutes)*

**Presenter:** NOL, Hagit (Uni Frankfurt)

**Session Classification:** Ideas, Projects, and Analytical Needs

Contribution ID: 6

Type: **not specified**

## **Digging up History: Archaeological Investigations at the Caves of the Dead Sea Scrolls by DAJ - EBAF - PAM - ASOR (1949 - 1956)**

*Tuesday 3 December 2024 12:35 (25 minutes)*

**Presenter:** FIDANZIO, Marcello (Swiss Italian Uni)

**Session Classification:** Ideas, Projects, and Analytical Needs

Contribution ID: 8

Type: **not specified**

## SESAME Tour

*Tuesday 3 December 2024 17:15 (1h 15m)*

Contribution ID: 9

Type: **not specified**

## **Understanding Written Artefacts with the CSMC Mobile Lab –Projects, Possibilities and Perspectives**

*Tuesday 3 December 2024 14:00 (20 minutes)*

**Presenters:** COLINI, Claudia (Center for the Study of Manuscript Cultures CSMC, U Hamburg); BOSCH, Sebastian (Center for the Study of Manuscript Cultures CSMC, U Hamburg); FARRIDNEJAD, Shervin (Center for the Study of Manuscript Cultures CSMC, U Hamburg)

**Session Classification:** Ideas, Projects, and Analytical Needs

Contribution ID: **10**

Type: **not specified**

## **Study of enclosed cuneiform tablets with mobile x-ray tomography**

*Tuesday 3 December 2024 14:20 (20 minutes)*

**Presenter:** ZERBE, Katrin (Deutsches Elektron-Synchrotron, DESY)

**Session Classification:** Ideas, Projects, and Analytical Needs



Contribution ID: **11**

Type: **not specified**

## Discussions

*Tuesday 3 December 2024 14:40 (20 minutes)*

**Session Classification:** Ideas, Projects, and Analytical Needs

Contribution ID: 14

Type: **not specified**

## **Petrography and XRD in pottery analysis**

*Tuesday 3 December 2024 15:15 (20 minutes)*

**Presenter:** AL-SABABHA, Hussein M. (Jordanian Heritage Museum, Yarmouk Uni)

**Session Classification:** Ceramics/Pottery and Paintings

Contribution ID: 15

Type: **not specified**

## **Natural sciences and cultural heritage: some applications on ancient pottery**

*Tuesday 3 December 2024 15:35 (20 minutes)*

**Presenter:** KHALIFA, Eman (Uni Cairo)

**Session Classification:** Ceramics/Pottery and Paintings

Contribution ID: 16

Type: **not specified**

## **Tall Zira'a and (unresolved) archaeometric questions**

*Tuesday 3 December 2024 15:55 (20 minutes)*

**Presenter:** LEIVERKUS, Patrick (Biblical-Archaeological Institute, Uni Wuppertal)

**Session Classification:** Ceramics/Pottery and Paintings

Contribution ID: 17

Type: **not specified**

## **The use of synchrotron radiation for the characterization of Roman Wall paintings from Bayt Ras tomb**

*Tuesday 3 December 2024 16:35 (20 minutes)*

**Presenter:** AL KHASAWNEH, Sahar (Department of Conservation and Management of Cultural Resources, Yarmouth University)

**Session Classification:** Ceramics/Pottery and Paintings

Contribution ID: **18**

Type: **not specified**

## **Hellenistic-Roman wall painting in Jordan: Questions from archaeology on material analysis**

*Tuesday 3 December 2024 16:15 (20 minutes)*

**Presenter:** JANSEN, Britta (German Protestant Institute of Archaeology/GPIA Amman)

**Session Classification:** Ceramics/Pottery and Paintings

Contribution ID: **19**

Type: **not specified**

## Museum Tour

*Wednesday 4 December 2024 14:10 (1h 5m)*

Contribution ID: **20**

Type: **not specified**

## Wrap-Up and Conclusions

*Wednesday 4 December 2024 16:30 (30 minutes)*



Contribution ID: 21

Type: **not specified**

## **Ancient Metals: Searching for the origins of iron technology**

*Wednesday 4 December 2024 10:50 (33 minutes)*

**Presenters:** PERNICKA, Ernst (Curt Engelhorn Center for Archaeometrz); STEPANOV, Ivan (Curt Engelhorn Center for Archaeometry); BRAUNS, Michael (Curt Engelhorn Center for Archaeometry)

**Session Classification:** Ideas, Projects, and Analytical Needs

Contribution ID: 22

Type: **not specified**

## **Fossils, human remains: Studying human evolution using synchrotron radiation and microCT**

*Wednesday 4 December 2024 11:23 (23 minutes)*

**Presenter:** STOESEL, Alexander (University of Jena and Max Planck Institute for Evolutionary Anthropology)

**Session Classification:** Ideas, Projects, and Analytical Needs

Contribution ID: 23

Type: **not specified**

## **Fossils, human remains: Key Questions in Human Bioarchaeology addressed as SR at SESAME**

*Wednesday 4 December 2024 11:46 (25 minutes)*

**Presenter:** LORENTZ, Kirsi (The Cyprus Institute)

**Session Classification:** Ideas, Projects, and Analytical Needs

Contribution ID: 28

Type: **not specified**

## **Welcome by the SESAME Director-General and the President of the Council**

*Tuesday 3 December 2024 10:00 (10 minutes)*

**Presenters:** TOUKAN, Khaled; HEUER, Rolf-Dieter

**Session Classification:** Opening

Contribution ID: 29

Type: **not specified**

## Goals of the Meeting

*Tuesday 3 December 2024 10:10 (10 minutes)*

**Presenter:** LEHNER, Frank (DESY)

**Session Classification:** Opening

Contribution ID: 30

Type: **not specified**

## **Overview of the SESAME and opportunities in cultural heritage**

*Tuesday 3 December 2024 10:20 (20 minutes)*

**Presenter:** LAUSI, Andrea (SESAME)

**Session Classification:** SESAME and Synchrotron Radiation in Cultural Heritage Research

Contribution ID: 31

Type: **not specified**

## **The importance of synchrotron radiation in archaeology and cultural heritage studies of Southwest Asia: Why now?**

*Tuesday 3 December 2024 10:40 (20 minutes)*

**Presenter:** DARDENIZ, Gonca (Uni Istanbul)

**Session Classification:** SESAME and Synchrotron Radiation in Cultural Heritage Research

Contribution ID: 32

Type: **not specified**

## **The Scientific Infrastructure at LEIZA: past - present - future**

*Wednesday 4 December 2024 15:15 (30 minutes)*

**Presenter:** SCHWAB, Roland (Leibniz-Center for Archaeology, LEIZA)

**Session Classification:** Forging Cooperation



Contribution ID: 33

Type: **not specified**

## **Building a Corporation Network Germany- Amman**

*Wednesday 4 December 2024 15:45 (25 minutes)*

**Presenter:** NA'ES, Maram (TU Berlin)

**Session Classification:** Forging Cooperation

Contribution ID: 34

Type: **not specified**

## The EU Sunstone Project

*Wednesday 4 December 2024 16:10 (20 minutes)*

**Presenter:** CESTELLI GUIDI, Mariangela (INFN)

**Session Classification:** Forging Cooperation

Contribution ID: 35

Type: **not specified**

## **Exploring Tulul adh-DhahabÖ Excavations, Discoveries and Analytical Needs**

*Wednesday 4 December 2024 12:40 (30 minutes)*

**Presenter:** LÄTZER-LASAR, Asuman (Uni Marburg)

**Session Classification:** Ideas, Projects and Analytical Needs

Contribution ID: 36

Type: **not specified**

## **Preservation of cultural heritage at the excavation site of Quebec el-Hawa, Aswan- Egypt**

*Wednesday 4 December 2024 13:10 (30 minutes)*

**Presenter:** BOMMAS, Martin (Qubbet al-Hawa Research Project, QHRP)

**Session Classification:** Ideas, Projects and Analytical Needs

Contribution ID: 40

Type: **not specified**

## Welcome by the Director of the Jordan Museum

*Wednesday 4 December 2024 10:00 (30 minutes)*

**Presenter:** AMARIN, Ihab (Jordan Museum)

**Session Classification:** Opening

Contribution ID: 41

Type: **not specified**

## **Opening by the SESAME Council Chair and SESAME Scientific Director**

*Wednesday 4 December 2024 10:30 (20 minutes)*

**Presenters:** Dr LAUSI, Andrea (SESAME); HEUER, Rolf-Dieter

**Session Classification:** Opening