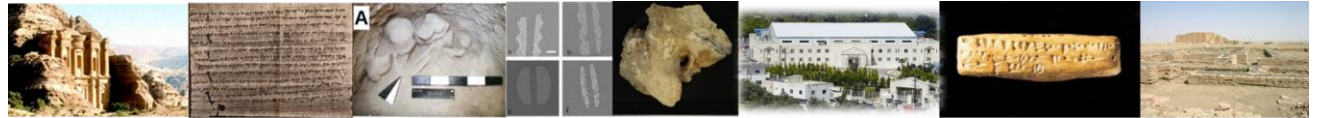


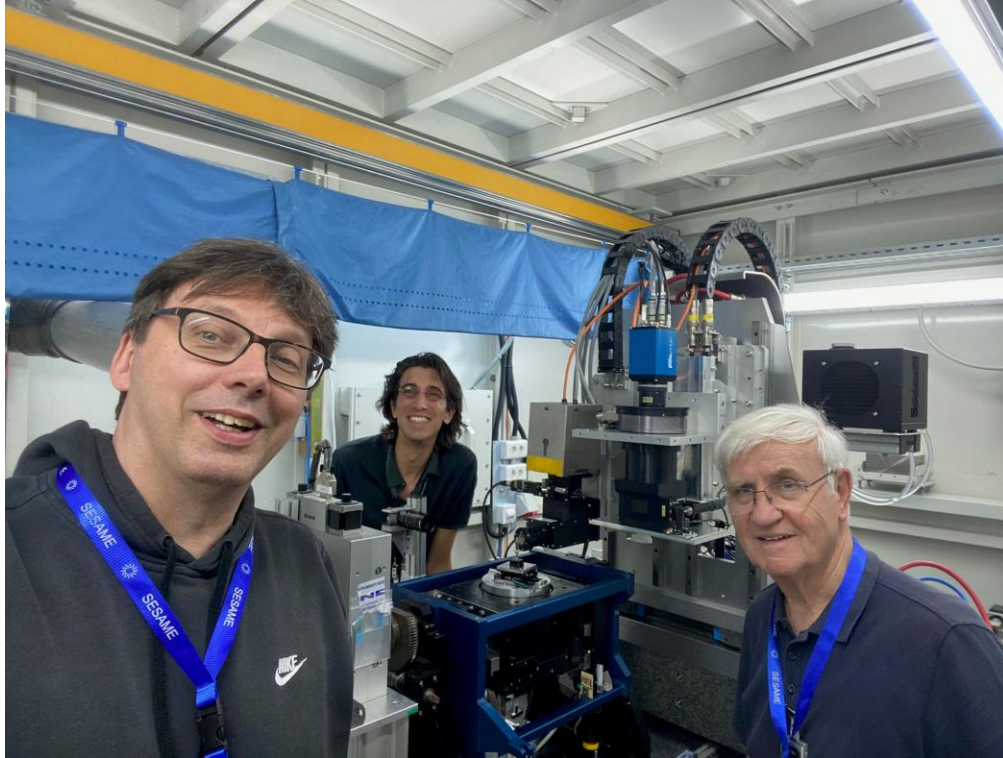
Bridging Natural Science and Heritage in the Middle East: German Institutions, Archaeology, Artefacts, and SESAME



Goals of the Workshop

Frank Lehner, DESY

Towards accessing text written with carbon ink on papyri – Feasibility study at SESAME



F.L., G. Iori and H.E. Mahnke in May 2024 at SESAME

- Beamtime at SESAME at Micro-Tomography Beamline BEATS in May 2024
- Idea of a special workshop was born



Mixture carbon and 3.5 % galena (PbS, kohol)

Goals of the Workshop

- **Bridge** Natural Science and Cultural Heritage:
 - Strengthen the intersection of cutting-edge synchrotron radiation research and the study of cultural heritage in the Middle East.
- **Explore** analytical needs and cases - showcase SESAME's potential:
 - SESAME offers advanced experimental capabilities for analyzing archaeological and historical artifacts.
- **Promote** cooperation:
 - Foster partnerships and build networks between (German) research institutions and organizations in the Middle East and international experts
- **Encourage** Regional Impact:
 - Support the study of cultural heritage in the Middle East, contributing to the global scientific understanding and conservation efforts.

Please note: Workshop is from “German observer” perspective, i.e. targeting towards German-based institutions and their collaborating partners

Workshop Programme

Program

- Day 1 at SESAME, Day 2 in Jordan Museum
- Fantastic Programme with 27 speakers in six sessions
- Top representatives from leading institutions
- Enough time for discussions, SESAME tour and tour of Jordan Museum
- Workshop website: <https://events.hifis.net/event/1993/>
- Please help us with the documentation of the workshop by uploading it to the website
- Thanks to
 - all speakers
 - To Helmholtz Association (DESY, HZDR), SESAME and support teams

