4 - 6 Dec 2024
online

All times in CET time zone

Sign up!

Digital Ancient Near East Studies
www.opendanes.org

DANES conference: program

Wednesday, 4.12.

3:00pm - 8:30pm: Workshops
See next page!

Thursday, 5.12.

4:00pm - 4:10pm
Opening Remarks: Hubert Mara, FU Berlin

Keynote Session
Moderator: Eliese-Sophia Lincke, FU Berlin

4:10pm - 5:00pm
Digital Resources for Coptic – 12 Years of Coptic Scriptorium
Caroline T. Schroeder (University of Oklahoma) and Amir Zeldes (Georgetown University)

Databases and Infrastructure
Moderator: Marine Béranger, FU Berlin

5:15pm - 5:45pm
ARCHIBAB 2.0: A New Website for Archival Documents from the Old Babylonian Period!
Christian Gaubert (CNRS) and Antoine Jacquet (Collège de France)

5:45pm - 6:15pm
Creating Digital Datasets from Legacy Records: The Example of the ELAMortuary Burial Database
Yasmina Wicks (University of Naples "L'Orientale")

6:15pm - 6:45pm
Archaeology Information Modeling - Conceptualization and Pilot Study of BIM-Based 4D Excavation Database Systems
Bjarne Kortmann (BerGSAS/FU Berlin)

Computational Archaeology
Moderator: Hubert Mara, FU Berlin

7:00pm - 7:20pm
XRONOS as a Resource for Archaeological Chronology in West Asia
Joe Roe and Martin Hinz (University of Bern)

7:20pm - 7:40pm
Publishing and Sharing Photogrammetry Models in Archaeology
Michael Eisenberg (University of Haifa)

7:40pm - 8:00pm
The Corpus of Stamp Seals from the Southern Levant
Ben Greet (The University of Zurich)

8:00pm - 8:20pm
Spatial Data Recovery and Mapping of Survey Data for the Negev Casemate Sites in the Negev Highlands, Israel, from the 10th century BCE
Jan Jackson (Pennsylvania State University)

Friday, 6.12.

4:00pm - 4:50pm: Poster session
Moderator: Avital Romach, Yale University
See next page!

Ancient Language Processing
Moderator: Shai Gordin, Digital Pasts Lab, Ariel University

5:00pm - 5:30pm
Tracing Translation's Footprints: A Stylometric Analysis of Ancient Greek and Coptic Texts
Noam Bar David (Bar Ilan University), So Miyagawa (The University of Tsukuba), and Eliese-Sophia Lincke (FU Berlin)

5:30pm - 6:00pm
Reassessing the Paradigm of Syriac Hellenization in Late Antiquity: A Computational-Quantitative Analysis of Greek Words in Syriac Literature
Noam Maeir (Hebrew University of Jerusalem)

6:00pm - 6:30pm
Constructing a Knowledge Graph Lexicon for Sumerian: Methodology, Collaboration, and Integration into Wikidata's Linked Open Data Framework
Timo Homburg (Mainz University) and Adam Anderson (UC Berkeley)

Linked Data and Networks
Moderator: Adam Anderson, UC Berkeley

6:40pm - 7:00pm
SemitiLEX: A Prototype Online Etymological Dictionary and Annotated Text Collection
Na'ama Pat-El, Danny Law, and Todd Krause (University of Texas, Austin)

7:00pm - 7:20pm
Musical Instruments in Ancient Mesopotamia (MIAM): A Semantic Media Wiki Database and Lexicon
Dahlia Shehata (University of Würzburg)

7:20pm - 7:40pm
Comparing Knowledge Organization Networks
Haleli Harel (Hebrew University of Jerusalem)

7:40pm - 8:00pm
The Long History of Using Computational Methods in the Humanities. The Example of Peter Damerow
Christian Schröter (geb. Vater; Akademie der Wissenschaften und der Literatur | Mainz - Digitale Akademie)

8:00pm - 8:10pm
Closing Remarks: Shai Gordin, Digital Pasts Lab, Ariel University

Workshops

3:00pm - 4:30pm
Fine-Tuning LLMs for Ancient Language Processing
Shai Gordin and Emma Yavaşan (Digital Pasts Lab, Ariel University)

This hands-on workshop explores how Large Language Models (LLMs) can be applied to analyze ancient languages with limited available data, using Hittite as the primary case study. Participants will learn the practical aspects of fine-tuning LLMs for tasks like glossing (linguistic analysis) of Hittite texts, including how to prepare datasets and evaluate model performance when working with complex ancient languages.

5:00pm - 6:30pm
Towards (Semi-)automatic Annotation of Cuneiform Signs
Jan Philipp Bullenkamp (Martin Luther University of Halle-Wittenberg) and Timo Homburg (Mainz University)

We will start with advances in the assisted annotation of media, e.g. renderings and 3D models containing cuneiform signs. The second part will feature a watershed-based approach for cuneiform wedge detection and classification according to the wedge types in PaleoCodage. We then want to discuss the applicability and feasibility in an annotation workflow for Near Eastern scholars together with the participants.

7:00pm - 8:30pm
Building The FactGrid Cuneiform Project: How to Make a Knowledge Graph for Cuneiform Studies
Adam Anderson (UC Berkeley)

FactGrid is a free, open-source Knowledge Graph database built on Wikibase technology that allows historians worldwide to collaboratively build and edit customizable databases. This workshop aims to teach participants how to build a Knowledge Graph database for cuneiform texts, covering everything from Wikibase setup to integrating various online databases and implementing linguistic annotations.

Poster session

4:00pm - 4:50pm
Moderator: Avital Romach, Yale University

DEMCC - The First Online Cuneiform Texts Database in China
Changyu Liu (Zhejiang Normal University), Qier Zhang (Zhejiang Normal University), Jing Tan (Xingzhi College Zhejiang Normal University), Muzhe Han (Jiangsu University), and Émilie Pagé-Perron (University of York)

Developing an OCR - Wikibase Pipeline for Place Names in the RGTC Series
Matthew Ong (University of Helsinki)

Modeling Network Connections of the Settlements from the Cuneiform Map CBS 10434
Marina Redina-Thomas (Cornell University)

Still GLoWing: Developing Synergies in the Assembly and Development of Sustainable Open Access Data in Cuneiform Studies
Rune Rattenborg (Uppsala University - not presenting during the conference)

The SIANE Device: Advancing Digital Documentation of Ancient Near Eastern Cylinder Seals
Lara Bampfield (Oxford University), David Young (University of Southampton)

Use of Relational Databases for Medium Sized Corpus Study: Case Studies of Old Babylonian Nippur and Ur (2016-1841 BCE)
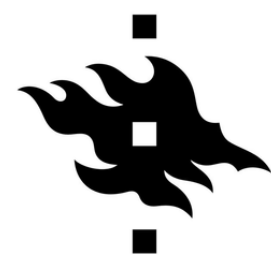Andrew Deloucas (Harvard University)

Conference organizers:
Avital Romach (Yale University)
Piotr Zadworny (FU Berlin)

OpenDANES board:
Marine Béranger (FU Berlin)
Katrien De Graef (Ghent University)
Shai Gordin (Digital Pasts Lab / Ariel University)
Eliese-Sophia Lincke (FU Berlin)
Hubert Mara (FU Berlin)
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