23.11.2022/ Day 1

16:00 - 17:20  Registration (for those in Istanbul)
(Istanbul Time/ Berlin Time UTC +2)

17:30 - 18:20  Welcome Addresses by
Felix Pirson (1. Director, German Archaeological Institute Istanbul)
D. Burcu Erciyas (Head of the Graduate Program in Settlement Archaeology, Middle East Technical University)
Organisation Committee

18:30 - 20:00  Keynote Lectures: Archaeo-Informatics/ Digital Humanities
Hakan Melih Aygün (Ministry of Culture and Tourism of the Republic Turkey)
Izabella Anna Romanowska (Aarhus Institute of Advanced Studies, Aarhus University, Denmark)

24.11.2022/ Day 2

Section 1: Digital Documentation and Documentation Standards in Archaeology

General Overview  (Chair: Lee Clare)

10:00 - 10:20  SEADDA COST Action and Digital Archaeological Repositories Around in the World  
(Nurdan Atalan Çayırezmez, Deniz Çit, Holly Wright)

10:20 - 10:40  Digital Documentation and Reuse of Data in Archaeology  
(Kourosh Mohammadhkani, Tara A. Dehnavi)

10:40 - 11:00  Data Science in Archaeology: A Bona Fide Attempt  
(Tutku Tuncalı Yaman)

11:00 - 11:20  The Relevance of (Digital) Archaeology Beyond Academia  
(Ezgi Sevimli)

11:20 - 11:30  Coffee Break

Platforms and Initiatives  (Chair: D. Burcu Erciyas)

11:30 - 11:50  Dijital Kültürel Miras Ağı in Türkiye (Digital Cultural Heritage Network)  
(Nurdan Atalan Çayırezmez, Deniz Çit, Nimet Pınar Özgüner Gülyhan, Ertan Özcan, Aslı Batırbaygil)
11:50 - 12:10  Field Recording and Standards: Between Mandatory and Nice to Have  
(Simon Hohl, Thomas Kleinke, Fabian Riebschläger, Juliane Watson)

12:10 - 12:30  Implementing LandMan – Approaching Social and Technical Challenges in an Archaeology-Driven Collaborative Research Environment  
(Steffen Strohm, Hartwig Bünning, Matthias Renz)

12:30 - 12:50  Modular Database of the Austrian Archaeological Institute: A Challenging Work in Progress  
(Helmut Schwaiger, Karl Burkhart, Micheline Welte)

12:50 - 13:50  Lunch Break

Standards and Methodologies  
(Chair: Dries Daems)

13:50 - 14:10  Open access and FAIR principles for archaeological data: A Case Study: The British Institute at Ankara’s (BIAA) Digital Repository  
(Nurdan Atalan Çayırezmez, Gonca Özger, Orhun Uğur)

14:10 - 14:30  Game-Changing Technologies for Overall Documentation of Archaeological Sites  
(Selin Küçük)

14:30 - 14:50  Controlled Vocabulary of the Austrian Institute’s Modular Database  
(Micheline Welte)

14:50 - 15:00  Coffee Break

Section 2 (Part 1): Archiving and Analysis of Digital Data  
(Chair: Nurdan Atalan Çayırezmez)

15:00 - 15:20  Getting History into Shape(files): Digitizing 130 Years of Maps  
(Christof Berns, Julien Zurbach, Michael Breuer, Lisa Steinmann, Paula Cardona Villamil)

15:20 - 15:40  Possibilities and Challenges of QGIS in the Context of Excavation Illustrated by the Example of Boğazköy-Hattuša  
(Dominique Krüger)

15:40 - 16:00  Artificial Intelligence in Archaeology: An Overview and Challenges in Turkey  
(Nusret Demir, Cem Sönmez Boyoğlu, Deniz Köykçı)

16:00 - 16:20  Can Artificial Intelligence Help Archaeologists with Remote Sensing Data? A Preliminary Response  
(Jürgen Landauer)

16:20 - 16:30  Coffee Break

Section 2 (Part 2): Archiving and Analysis of Digital Data  
(Chair: Alkiviadis Ginalis)

16:30 - 16:50  Challenge Accepted! Managing 30 Years of Data in 3 Years - Preservation of Göbekli Tepe Research Data at DAI  
(Shabnam Moshfegh Nia)

16:50 - 17:10  Enriching Current Knowledge About the Roman Roads System in Anatolia. Network Graph Analysis of Two Provinces and What it Can Tell Us  
(Jędrzej Hordecki, Marta Perlińska)

17:10 - 17:30  Digital Techniques and Tools in Archaeological Practice — Case Studies from Pergamon  
(Léa Geisler, Berslan Korkut, Bernhard Ludwig, Nicole Neuenfeld, İhsan Yeneroğlu)

17:30 - 17:40  Discussion
18:00 - 20:00  
**DAI Istanbul Evening Lecture**  
What Does it Mean to Be 'Critical' When it Comes to Digital Data and Documentation in Archaeology and Heritage Studies?  
(Piraye Haciğüzeller)

20:00 - 20:30  
Drinks and Refreshments

From 20:45  
Dinner for Conference Lecturers

25.11.2022/ Day 3

**Section 3 (Part 1): Publication Methods of Digital Data (Chair: Onur Oezbalaban)**

10:00 - 10:20  
AR-chaeology. Augmented Reality as an Archaeological Visualisation and Presentation Method  
(Fabian Stroth, Diana Miznazi)

10:20 - 10:40  
Higher Education and Application of Digital Archaeology in Turkey  
(N. Pinar Özgüner Gülhan)

10:40 - 11:00  
Hatch: House at Çatalhöyük. An Innovative Multidimensional Interactive Open Digital Educational Collection For Presenting Archaeological Assets  
(Patrycja Filipowicz, Arkadiusz Marciniak)

11:00 - 11:10  
Coffee Break

**Section 3 (Part 2): Publication Methods of Digital Data (Chair: Mareke Ubben)**

11:10 - 11:30  
From Artefact to Algorithm  
(Stephan Nicolaij, Silke Lange, Jelte van der Laan)

11:30 - 11:50  
Dashur 4-D Reconstructions Between Speculation and Solid Data  
(Matthieu Götz)

11:50 - 12:10  
Virtual Reality for Archaeological Data Production and Presentation  
(M. Hamdi Kan)

12:10 - 13:00  
Discussion

13:00 - 14:00  
Lunch Break

14:00 - 16:00  
**Closing Section: The Challenge of Digital Archaeology**  
Panel Discussion: Digital Humanities State-of-the-Art and Outlook

**Panel Participants**  
Benjamin Ducke (IT Department, DAI), Izabella Anna Romanowska (Aarhus Institute of Advanced Studies, Denmark and Barcelona Super computing Center, Spain), Piraye Haciğüzeller (University of Antwerpen), Nurdan Atalan Çayırezmez (British Institute at Ankara), D. Burcu Erciyas (METU), Hakan Melih Aygün (Ministry of Culture and Tourism of the Republic Turkey), and Lee Clare (DAI Istanbul)

**Moderation**  
Dries Daems (METU)