

Day 1

9:00 - 9:45 Registration and morning coffee at Tallinn University

9:45 Welcome Speech

10:00 - 11:20 Session 1: *Using and managing big datasets in cultural heritage*

10:00 **Joys and Sorrows of using Open Data of Museums Public Portal: Case Study on building Origin Map of Museum Items**
Liisi Taimre (liisitaimre@gmail.com), Independent Scholar

10:20 **Using a machine learning model to assess the preservation of museum objects: project SÄLLI**
Kurmo Konsa, Pallas University of Applied Sciences, Estonia (kurmo.konsa@ut.ee) [corresponding author]; Meri Liis Treimann, STACC (Software Technology and Applications Competence Center), Estonia (meriliis.treimann@stacc.ee); Kristiina Piirisild, The National Heritage Board, Estonia (kristiina.piirisild@muinsuskaitseamet.ee)

10:40 **The Online Database of Artifact of the Athenian Agora**
Aspasia Efstathiou (aspa@agathe.gr), Assistant Registrar, Agora Excavations, American School of Classical Studies at Athens, Greece

11:00 - 11:20 **Questions**

11:20 - 11:30 Break

11:30 - 12:50 Session 2: *Novel uses of digital data and technologies in archaeology and cultural heritage*

11:30 **How LIDAR data helps to discover new hillforts in Latvia**
Jānis Meinerts (janis.meinerts@gmail.com), Latvian Academy of Culture

11:50 **Deep-Sea archaeology in the Exclusive Economic Zone of Cyprus**
Achilles Iasonos (iasonos.achilleas@gmail.com), Oxford University Alumni Scholar, UK & Cyprus

12:10 **What data is missing on pictorial heritage and how to crowdsource it. The experience of Ajapaik platform.**

Vahur Puik (vahur@ajapaik.ee), Estonian Photographic Heritage Society

12:30 - 12:50 **Questions**

12:50 - 14:00 Lunch on your own

14:00 - 15:15 Session 3: *Historical and cultural analysis through digital data*

14:00 **Exploring Soviet Newsreels 1927-1994 Using a Cultural Data Analytics Approach**

Mila Oiva (milaoiva@tlu.ee) [corresponding author], CUDAN Open Lab, Tallinn University, Estonia; Ksenia Mukhina, CUDAN Open Lab, Tallinn University, Estonia; Vejune Zemaityte, CUDAN Open Lab, Tallinn University, Estonia; Daniel Chávez Heras, King's College, London, UK; Maximilian Schich, CUDAN Open Lab, Tallinn University, Estonia.

14:20 **A storm in May 1872 and researching it using digitalised newspapers**

Anna Liiv (annaliiv@tlu.ee), Tallinn University, Estonia

14:50 **Distant reading the climate of the past**

Krister Kruusmaa (krister.kruusmaa@hotmail.com), Ecole Nationale des Chartes (Université Paris Sciences et Lettres) and University of Tallinn, France and Estonia

15:10 - 15:30 **Questions**

15:30 - 16:00 Coffee break

16:00 - 17:00 Keynote by Pat Tanner (Traditional Boats of Ireland Project) *"From Data Capture to Digital Reconstruction"*

Day 2

8.45-9.00 Gathering and morning coffee at Seaplane Harbour

9.00-9.45 **Keynote by Maximillian Schich (CUDAN Open Lab, Tallinn University) “*Cultural Data Analytics*”**

10.00-12.30 Workshop

12.30-13.30 Lunch on your own

13.30-18.30 Workshop and Hackathon