



echoes

European Cloud
for Heritage OpEn Science



WORKSHOP #8

OPPORTUNITIES AND TOOLS FROM
THE CULTURAL HERITAGE CLOUD
FOR DIGITAL ARCHAEOLOGY

MONDAY MAY 5TH, 2025
from 09.00 to 18.00 EET



MORNING SESSIONS / 9.00-13.00 EET

THE ECHOES (EUROPEAN CLOUD FOR HERITAGE OPEN SCIENCE) PROJECT

SESSION 1
9.00-10.15

Welcome
to the Cloud

Moderated by Xavier **RODIER**, CNRS, MSH Val de Loire, France

- **Introducing ECHOES and the Cultural Heritage Cloud**
Xavier **RODIER**, CNRS, MSH Val de Loire, France
- **Sketching the future Cloud infrastructure**
Dimitris **KOTZINOS**, CY Cergy Paris Université, France
- **The Governance and Sustainability of the Heritage Cloud**
Léna **CZECH**, CNRS, MSH Val de Loire, France
- **Open Discussion**

COFFEE BREAK / 10.15-10.45

THE ECHOES (EUROPEAN CLOUD FOR HERITAGE OPEN SCIENCE) PROJECT

SESSION 2
10.45-13.00

How to get
involved:
building
the Cloud
community

Moderated by Isabelle **PALLOT-FROSSARD**, Fondation des Sciences du Patrimoine, France

- **The ECHOES approach to integrating communities**
Isabelle **PALLOT-FROSSARD**, Fondation des Sciences du Patrimoine, France
- **The ECHOES Cascading Grants Programme**
Johan **OOMEN**, Institute for Sound and Vision, Netherlands, Agiatis **BENARDOU**, DARIAH-EU
- **The Consultation: Making Community Voices Heard**
Rémi **PETITCOL** and Charlotte **GALLINI**, Fondation des Sciences du Patrimoine, France
- **Interactive session:** Collaborative Research Scenarios with and from the archaeological community (CyI, FSP, CNRS, DARIAH-EU)
- **The ECHOES collaborative tools and services**
Marco **CALLIERI**, CNR, Italy

LUNCH BREAK / 13.00-14.00





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AUTOMATA



textailes



HERITALISE

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DIGITAL HORIZONS: EMBRACING HERITAGE IN AN EVOLVING WORLD

2025 5-9 MAY
UNIVERSITY OF WEST AFRICA
KUMASI, GHANA

AFTERNOON SESSIONS / 14.00-18.00 EET

THE EUROPEAN COLLABORATIVE CLOUD FOR CULTURAL HERITAGE (ECCCH) SISTER PROJECTS: AUTOMATA, TEXTAILES, HERITALISE



SESSION 3
14.00-15.00

AUTOMATA
AUTOMated
enriched
digitisation of
Archaeological
liThics and
cerAmics

Moderated by Gabriele **GATTIGLIA**, Department of Civilisations and Forms of Knowledge,
University of Pisa, Italy

- **In the beginning was Data. From user needs to technical solutions**
Gabriele **GATTIGLIA**, Department of Civilisations and Forms of Knowledge, University of Pisa, Italy
- **Ἐγώ, αὐτόματη (I, AUTOMATA). User case scenarios**
Gabriele **GATTIGLIA**, Department of Civilisations and Forms of Knowledge, University of Pisa, Italy
- **The ECHOES of Distant Data. Willowing Across ECCCH**
Gabriele **GATTIGLIA**, Department of Civilisations and Forms of Knowledge, University of Pisa, Italy
- **Tightening the Screws: Collecting Feedback, interactive session for gathering feedback, suggestions, and more**
Chiara **GIOVANNETTI**, MAPPA Lab, Italy

THE EUROPEAN COLLABORATIVE CLOUD FOR CULTURAL HERITAGE (ECCCH) SISTER PROJECTS: AUTOMATA, TEXTAILES, HERITALISE



SESSION 4
15.00-16.00

TEXTaiLES
Textile
Digitisation
Tools and
Methods
for Cultural
Heritage

Moderated by Georgios Alexis **IOANNAKIS**, Athena Research Center, Greece

- **Textile Digitisation Tools and Methods for Cultural Heritage: The TEXTaiLES Vision and Objectives**
George **IOANNAKIS**, Athena Research Center, Greece
- **TEXTaiLES use-cases, scenarios and associated challenges**
Marco **GALLI**, Sapienza University of Rome; Francesca **COLETTI**, Sapienza University of Rome; Agata **ULANOWSKA**, University of Warsaw, Poland; Marek **TRUSZKOWSKI**, University of Warsaw, Poland; Sanna **LIPKIN**, University of Oulu, Finland; Samuel **REINIKAINEN**, University of Oulu, Finland; Christina **MARGARITI**, Athena Research Center, Greece; Luba **NURSE**, Textiluseum St. Gallen, Switzerland
- **Technical Solutions for Digitizing Textiles**
Athanasios **KAPOUTSIS**, Centre for Research and Technology Hellas, Greece
- **Open Discussion**

BREAK / 16.00-16.30





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THE EUROPEAN COLLABORATIVE CLOUD FOR CULTURAL HERITAGE (ECCCH)
SISTER PROJECTS: AUTOMATA, TEXTAILES, HERITALISE



SESSION 5
16.30-17.30

HERITALISE

Heritage
Buildings
and Objects
Digitisation &
Visualisation
within the
Cloud

Moderated by Alan **MILLER**, *University of St Andrews, UK*

- **General Project Concept presentation and Heritalise Use Cases**
Alan **MILLER**, *University of St Andrews, UK*
- **3D Research Challenges in Cultural Heritage**
Marinos **IOANNIDES**, *Cyprus University of Technology, Cyprus*
- **CH object data acquisition services and AI-supported data processing and integration**
Alberto **MENDIKUTE**, *Tekniker, Spain*
- **Cultural Heritage Services Based on Digitised Data**
Alan **MILLER**, *University of St Andrews, UK*; Alberto **MENDIKUTE**, *Tekniker, Spain*;
Petros **SIEGKAS**, *Cyprus University of Technology, Cyprus*
 - from HBIM to HHBIM and Memory Twin
 - CH Conservation Module
 - AR, VR/XR Game Engine service for Virtual Museum Concepts
 - CH object CT-scanned based 3D printing
- **Open Discussion**

THE EUROPEAN COLLABORATIVE CLOUD FOR CULTURAL HERITAGE (ECCCH)
SISTER PROJECTS: AUTOMATA, TEXTAILES, HERITALISE

SESSION 6
17.30-18.00

Collaborating
for the
Future:
Forging the
Cultural
Heritage
Cloud

- **Dialogue with:**
 - Xavier **RODIER**, ECHOES
 - Dimitris **KOTZINOS**, ECHOES
 - Gabriele **GATTIGLIA**, AUTOMATA
 - Georgios Alexis **IOANNAKIS**, TEXTAILES
 - Marinos **IOANNIDES**, HERITALISE



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and Innovation

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