Winter School Series
Humanities for the Future

STUDIOLO
Digital Humanities Lab

Organisers
Fabrizio Bigotti
Manuel Huth

Keynote Speakers
Arsen Bobokhyan
Francesco Cicala
Norbert Fischer
Alexander Hubert
Florian Langhanki
Sabine Schlegelmilch
Ulrich Schlegelmilch
Viktorya Vasilyan

Comèl Grantees
Andrés García-Rengifo
Edoardo Pierini

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INSTITUTO SAN LORENZO
FONDAZIONE COMEL

YALE UNIVERSITY
Graduate School of Arts and Sciences

Digital Humanities Lab

Fabrizio Bigotti
Manuel Huth

In collaboration with
Google
DFG
BMBF
ICM

Winter School Programme
2024

csbr.fondazionecomel.org
info@csbr.fondazionecomel.org
12 February
CODING BASICS

10.00 Opening Remarks
10.20 Why Python? Installation, Datatypes, & if-Queries
Manuel Huth
11.30 Coffee Break
11.45 First Scripts
Manuel Huth (continuation)
13.00 Lunch
14.00 Practical AI: Concepts in Action
Francesco Cicala
14.30 Discussion
14.40 "Get It Wrong" (Part 1):
How Unsuccessful Projects Can Teach us How to Refine our DH Skills
Sabine Schlegelmilch
15.10 Discussion
15.20 AI for Project Writing
Workshop by Fabrizio Bigotti
15.50 Discussion
16.00 End

13 February
DATA EXTRACTION

10.00 Opening Session
10.10 Functions, Loops, Modules, Working with Files.
Manuel Huth
11.30 Coffee Break
11.45 Extracting Data with String Functions (Part 1)
Manuel Huth (continuation)
13.00 Lunch
14.00 Practical AI: Concepts in Action
Francesco Cicala
14.30 Discussion
14.40 Basics & Applications of OCR
Workshop by Florian Langhanki
15.10 "Get It Wrong" (Part 2):
How Unsuccessful Projects Can Teach us How to Refine our DH Skills
Ulrich Schlegelmilch
15.40 Discussion
15.50 Open Presentations (Part 1)
16.00 End

14 February
DATA ANALYSIS

10.00 Opening Session
10.10 Extracting Data (Part 2)
Manuel Huth
11.30 Coffee Break
11.45 RegEx & Data Analysis (continuation)
Manuel Huth
13.00 Lunch
14.00 "Camerarius Digitalis" (Part 1)
Reading J. Camerarius (1500-1574) in the Context of 16th-Century Discourse Landscapes
Alexander Hubert
14.40 The Phenomenon of Dragon Stones in Armenian Mountains & their Digital Reconstructions
Arsen Bobokhyan
15.10 Discussion
15.20 Cultural Heritage: Metamorphoses & Metaverse in Virtual Museums
Workshop by Viktorya Vasilyan
15.50 Discussion
16.00 End

15 February
DATA VISUALISATION

10.00 Opening Session
10.30 Pandas Matplotlib & Outlook
Manuel Huth
11.30 Coffee Break
11.45 Next Steps: Useful Modules to Develop your Own Project
(continuation) Manuel Huth
13.00 Lunch
14.00 "Camerarius Digitalis" (Part 2)
Deep Learning for the Mass Transcription of Historical Printings
Norbert Fisher
14.40 Applications of Virtual Reality to Archaeology: prehistoric Learning to the Universe
Workshop by Viktorya Vasilyan
15.10 Discussion
15.20 Open Presentations (Part 2)
featuring also Questions & Problems
16.00 End