

*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

In collaboration with



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INSTITUTE OF ARCHAEOLOGY AND
ETHNOGRAPHY NAS RA



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YALE UNIVERSITY
Graduate School of Arts and Sciences



WINTER SCHOOL
PROGRAMME
2024

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12 February CODING BASICS		13 February DATA EXTRACTION		14 February DATA ANALYSIS		15 February DATA VISUALISATION	
10.00	Opening Remarks	10.00	Opening Session	Opening Session	10.00	Opening Session	10.00
10.20	Why Python? Installation, Datatypes, & If-Queries Manuel Huth	10.10	Functions, Loops, Modules, Working with Files. Manuel Huth	Extracting Data (Part 2) Manuel Huth	10.10	Pandas Matplotlib & Outlook Manuel Huth	10.10
11.30	Coffee Break	11.30	Coffee Break	Coffee Break	11.30	Coffee Break	11.30
11.45	First Scripts Manuel Huth (continuation)	11.45	Extracting Data with String Functions (Part 1) Manuel Huth (continuation)	RegEx. & Data Analysis (continuation) Manuel Huth	11.45	Next Steps: Useful Modules to Develop your Own Project (continuation) Manuel Huth	11.45
13.00	Lunch	13.00	Lunch	Lunch	13.00	Lunch	13.00
14.00	Deep Learning: Understanding the Core Concepts Francesco Cicala	14.00	Practical AI: Concepts in Action Francesco Cicala	«Camerarius Digital» (Part 1) Reading J. Camerarius (1500-1574) in the Context of 16th-Century Discourse Landscapes Alexander Hubert	14.00	«Camerarius Digital» (Part 2) Deep Learning for the Mass Transcription of Historical Printings Norbert Fisher	14.00
14.30	<i>Discussion</i>	14.30	<i>Discussion</i>	<i>Discussion</i>	14.30	<i>Discussion</i>	14.30
14.40	«Get It Wrong» (Part 1): How Unsuccessful Projects Can Teach us How to Refine our DH Skills Sabine Schlegelmilch	14.40	Basics & Applications of OCR Workshop by Florian Langhanki	The Phenomenon of Dragon Stones in Armenian Mountains & their Digital Reconstructions Arsen Bobokhyan	14.40	Applications of Virtual Reality to Archaeology: from Prehistoric Learning to the Universe Workshop by Viktorya Vasilyan	14.40
15.10	<i>Discussion</i>	15.10	«Get It Wrong» (Part 2): How Unsuccessful Projects Can Teach us How to Refine our DH Skills Ulrich Schlegelmilch	<i>Discussion</i>	15.10	<i>Discussion</i>	15.10
15.20	AI for Project Writing Workshop by Fabrizio Bigotti	15.40	<i>Discussion</i>	Cultural Heritage: Metamorphoses & Metaverse in Virtual Museums Workshop by Viktorya Vasilyan	15.20	Open Presentations (Part 2) featuring also Questions & Problems	15.20
15.50	<i>Discussion</i>	15.50	Open Presentations (Part 1)	<i>Discussion</i>	15.50		
16.00	End	16.00	End	End	16.00	End	16.00