Research Project HistKI

Explore and discover city history in four dimensions

ABOUT   PARTNERS   PUBLICATIONS   EXPLORE 4D   UHDL WORKSHOP 2023   URBAN HISTORY 4D ⌄   CONTACT

UHDL Workshop 2023

Workshop on Research and Education in Urban History in the Age of Digital Libraries

Munich, 27 & 28 March 2023

Contents [hide]

Call for Contributions

Urban and architectural history are key areas in digital humanities and digital heritage. With respect to these research areas, digital repositories, data and research methods play an important role, especially when hosting visual media like photographs, paintings, or drawings, and last but not least physical and virtual models. Due to the wide field of possible research, different approaches, methods and technologies have emerged – and are still emerging.

The purpose of the workshop is to provide a full picture with regards to epistemics, technology and framework conditions. We aim to discuss crucial challenges for further research and encourage exchange and debate. We would like to invite contributions on theoretical and methodological issues, application scenarios and projects, as well as novel approaches and tools. This includes the following five areas:

- Theory, Methods, and Systematization
- Data handling and data schemes
- Machine Learning and Artificial Intelligence
- Visualization and Presentation
- Education in urban history

To this cause, we are seeking original and innovative contributions in theoretical and practical applications on Digital Cultural Heritage.

TOPICS

Theory, Methods, and Systematization

Digital humanities research as an inherently interdisciplinary field has created a high demand for critically reflected methods, techniques, valid strategies, classifications, and quality standards. But do computing methods also lead to new and ground-breaking research questions, approaches, or insights into architectural and urban cultural heritage research? In most cases, the use of computing simply extends nondigital possibilities, without much change to the pre-digital approaches and research

questions. Nevertheless, digitalization has dramatically altered research qualities, quantities, and workflows. We welcome contributions on:

- relevant data for architectural and urban history in digital archives and image repositories
- the effects of the use of digital archives and image repositories on scholarly work
- concepts and projects for networking and cooperation
- possible research questions regarding objects, spaces, content or historical events

Data handling and data schemes

The immense effort invested in digitization and rapid changes in technologies and formats has greatly increased the importance of data standards. Long-term data storage, availability of models and the interoperability of data formats are major challenges to existing digital infrastructures. We welcome contributions on:

- 3D databases as a tool to support urban historical research
- Metadata and paradata
- Remote sensing approaches to support contextualization and intuitive access to data
- Linked and semantic data related to urban historical research
- the influence of knowledge of HCI on the design of historic models

Machine Learning and Artificial Intelligence

During the past few years, various new technological opportunities have arisen from big data, Semantic Web technologies, and the exponential growth in data accessible via digital libraries such as EUROPEANA. Data-driven supervised and unsupervised classification approaches have been used to acquire high-level semantic concepts, especially from the interconnection of different types of data. Interdisciplinary collaborations between computer science and humanities disciplines are essential in developing methods and workflows to enable cultural heritage research to exploit machine learning approaches. We welcome contributions on:

- use cases and best practices of applied machine learning in digital humanities research
- novel approaches e.g., (semi-) automatic photogrammetric reconstruction of historical buildings from image databases

Visualization and Presentation

Historians in cultural heritage research today are enabled to explore new research directions due to the availability of multitudes of digitized historical photographs in image repositories. Moreover, novel approaches such as the photogrammetric reconstruction of historical buildings from image databases allow for contextualization and intuitive access to data. Typical motivations for accessing these archives and repositories are scientific research, pedagogical applications, and the study of historical sites. These areas require advances in methods for visualization and presentation of data to support the different target groups. We welcome contributions on:

- Projects and investigations from urban history concerned with visualizations and presentation of spatial and/or scholarly data
- Research scenarios for scholars using visualizations of urban history data
- Interdisciplinarity, e.g. intersections between digital cultural heritage and (sustainable) tourism studies

Education in urban history

Education and support by digital libraries still only plays a minor role in scholarly discourses on cultural heritage and in particular urban history. There is still no broad consensus on specific education paradigms or a canon of didactic settings in digitally supported teaching on urban history, and as yet no larger studies have been conducted in this area. We welcome contributions on:

- educational scenarios for teaching urban history supported by digital methods
- approaches to employing large scale repositories for educational purposes in cultural history
- the design of virtual experiences as e.g. city tours

Paper Submission

Please submit an extended abstract of **1000-2000 words** (~ 2-4 pages) in PDF format by **December 15th, 2022** via the electronic upload submission procedure on EasyChair.

All submissions will be peer reviewed for their originality, validity, methodology, writing quality and overall contribution to the research fields of the conference. The conference adopts a double blind reviewing process. The authors must ensure that any information such as affiliations, contact details, e-mails or other type of information that can help identify the authors of the papers are removed from the submitted version.

Please use the Springer LaTeX2e, Microsoft Word 2003 or Microsoft Word 2007 templates and guidelines for formatting your extended abstract.

Selected submissions are proposed to be published in the Springer CCIS series – previous issues can be found here.

Timeline

15 December 2022	Extended Abstract Submission (~2-4 pages)
3 February 2023	Notification
17 February 2023	Start of Registration for Workshop
26 March 2023	Full Paper Submission (for selected papers only)
27 & 28 March 2023	Workshop in Munich

Venue

The workshop will be hosted by the LMU Munich.

Address: LMU main building, Geschwister-Scholl-Platz 1, 80539 Munich, Germany

The sessions will be in room A120 also called kleine Aula on the first floor. There will be refreshments and snacks in room M203 on the second floor during breaks.

Main building of the Ludwig Maximilian University of Munich (Wikimedia Commons)

Accommodation

We have prepared a short list of hotels for you which are close to the venue. We can recommend Familienbäckerei Kistenpfennig (Amalienstraße 28) a bakery and cafe close by that serves good and affordable breakfast.

Carlton Astoria Fürstenstrasse 12, Maxvorstadt, 80333 München Hotel Homepage	Single Room one night for 100 EUR Breakfast for 10 EUR
Leonardo Boutique Hotel Amalienstrasse 25, Maxvorstadt, 80333 München Hotel Homepage	Single Room one night for 89 EUR
Hotel Antares Amalienstrasse 20, Maxvorstadt, 80333 München Hotel Homepage	Single Room one night including breakfast for 80 EUR
Yours Truly Schützenstraße 1, Ludwigsvorstadt, 80335 München Hotel Homepage	Single Room one night for 121 EUR Breakfast for 15,40 EUR
Smart Stay Hotel Station Schützenstraße 7, Ludwigsvorstadt, 80335 München Hotel Homepage	Single Room one night for 98 EUR Breakfast for 6,90 EUR
Hotel Hauser an der Universität Schellingstr. 11, Maxvorstadt, 80799 München Hotel Homepage	Single Room one night including breakfast for 95 EUR

Registration & Program

The workshop will be held in English and registration for the event is free of charge. Nevertheless, we ask you to register for the event so that we have a reliable number of participants for the planning.

Registration

The Program for the UHDL 2023 is now available. Download and check the PDF for more information on sessions and presentations. There are 15 min and 5 min slots for presentations not including discussions. Please adhere to the time constraints.

Anyone interested can join the sessions virtually:

Zoom-Link: https://uni-wuerzburg.zoom.us/j/65962706930?pwd=bFpobmhxT1BOY1EzbjQyMURTS21kQT09

Meeting-ID: 659 6270 6930

Kenncode: 284533

We encourage all participants to bring a small poster (e.g., A3, 297 × 420 mm) of either their presentation or another interesting project. A picture and a statement are enough to get a conversation started or draw attention to the compelling work being done. We want the workshop to provide an opportunity for exchanging ideas and getting inspired.

UHDL 2023 Program - 3rd Workshop on Research and Education in Urban History in the Age of Digital Libraries

	Monday 27/03/2023	Tuesday 28/03/2023	Wednesday 29/03/2023
09:30 – 10:45		Session III & Poster Session in A120	Workshop on Metadata --- Meeting AG Digitale Kunstgeschichte
10:45 – 11:30		Coffee Break in M203	Coffee Break in M203
11:30 – 13:00		Session IV In A120	Workshop on Metadata --- Meeting AG Digitale Kunstgeschichte
13:00 – 14:00	Registration in A120	Lunch Break in M203	
14:00 – 15:30	Session I in A120	Session V in A120	
15:30 – 16:15	Coffee Break in M203	Coffee Break in M203	
16:15 – 17:00	Keynote by Fabio Remondino - Combining historical data and AI methods to valorise historical urban scenarios in room A120	Keynote by Marinos Ioannides - Documentation of the Past in the Digital Century: A Memory Twin or a Digital Twin? in room A120	
17:00 – 19:00	Session II & Social Poster Session in M203		

Commitee

Organizing Committee

Prof. Sander Münster	DE	J.Prof. Digital Humanities, FSU Jena
Dr. Aaron Pattee	DE	Institut für Kunstgeschichte, LMU Munich
Cindy Kröber	DE	Digital Humanities, FSU Jena
Dr. Florian Niebling	DE	Digital Media, Fulda University of Applied Sciences

Programm Committee

Prof. Fabrizio Apollonio	IT	Università di Bologna – Alma mater studiorum
Clemens Beck	DE	Digital Humanities, FSU Jena
Jonas Bruschke	DE	Julius-Maximilians-Universität Würzburg
Dr. Valerie Gouet-Brunet	FR	LASTIG Lab. / Univ. Gustave Eiffel / IGN
Prof. Ning Gu	AU	University of South Australia
Prof. Stephan Hoppe	DE	Institut für Kunstgeschichte, LMU Munich
Prof. Marinos Ioannides	CY	Digital Heritage Research Laboratory, Cyprus University of Technology
Prof. Thomas Köhler	DE	Vocational Education, TU Dresden
Prof. Piotr Kuroczyński	DE	Hochschule Mainz – University of Applied Sciences
Dr. Ferdinand Maiwald	DE	Digital Humanities, FSU Jena / Photogrammetry, TU Dresden

Dr. Heike Messemer	DE	CODIP, TU Dresden
Gustavo Nogueira	DE	Digital Humanities, FSU Jena / Temporality Lab Amsterdam
Prof. Ramon Reyes Rodriguez	MX	Universidad de Guadalajara
Dr. Heather Richards-Rissetto	USA	University of Nebraska-Lincoln
Prof. Fulvio Rinaudo	IT	Politecnico di Torino
Prof. Stratos Stylianidis	GR	Aristotle University of Thessaloniki
Dr. Ying Sun	DE	Digital Humanities, FSU Jena / Mediadesign Hochschule Berlin
Prof. Rosa Tamborino	IT	Politecnico di Torino
Prof. Alex Yen	ROC	China University of Technology, Taipeh
Prof. Sina Zarrieß	DE	University of Bielefeld

Previous Proceedings

Contributions from previous workshops in 2017 and 2019 have been published as Springer CCIS: https://link.springer.com/conference/uhdl

Digital Research and Education in Architectural Heritage, Conference Proceedings for the

5th Conference DECH 2017 and the 1st Workshop UHDL 2017, Dresden, Germany, March 30-31, 2017, Revised Selected Papers

Research and Education in Urban History in the Age of Digital Libraries, Conference Proceedings for the

2nd International Workshop UHDL 2019, Dresden, Germany, October 10–11, 2019, Revised Selected Papers

Contact

Prof. Dr. Sander Münster

J. Professor for Digital Humanities (Images/Objects)

Friedrich-Schiller-Universität Jena

Leutragraben 1

D-07743 Jena (Germany)

For any questions about paper submissions and the workshop itself you may contact the organizers by email to **uhdl2023@visualhumanities.org**

In cooperation with

JENA

LMU UNIVERSITÄT MÜNCHEN

Time Machine

Interregional Partnership
Virtual and Smart
Cultural Tourism

5D culture