CHNT 30
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30 Years of Visions for the Future
Impacts of Technology on Cultural Heritage

Session

Humanities research and education on architectural and urban history (UHDL)

Chairpersons:

Sander Münster (U. Jena) - Germany

Fabrizio Apollonio (U. Bologna) - Italy

Description and Motivation:

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.

This session is part of the 4th issue of the Urban History in the Age of Digital Libraries (UHDL) workshop. UHDLs purpose 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 about humanities research and education, technologies and data and particular trends as BIM or FAIR and 3D Publication/Sharing.

For the proposed session we would like to invite contributions on theoretical and methodological issues, application scenarios and projects, as well as novel approaches and tools in the following areas:

• Digital urban and architectural history and heritage research applications, theories, and methods.

• Education in urban history.

1. Digital urban and architectural history and heritage research applications, theories, and methods

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

2. 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

Target Audience:

The target group for this session includes professionals, researchers, and practitioners from cultural heritage institution, digital technology, policies, and research, with a focus on those interested in the intersection of technology and heritage. Specific groups include:

- Cultural Heritage Professionals: Conservators, restorers, heritage site managers, and curators using digital tools for preservation and documentation.
- Digital Technology Experts: BIM specialists, architects, engineers, and 3D modeling professionals working on heritage conservation projects.
- Academics and Researchers: Scholars and researchers studying heritage preservation, digital methodologies, and climate adaptation strategies.
- Policymakers and Legal Experts: Professionals addressing the ethical and legal dimensions of digitizing cultural heritage and creating relevant policies.

Keywords:

humanities research, education, digital urban and architectural history, UHDL workshop

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