<table>
<thead>
<tr>
<th>Time</th>
<th>Monday 27/03/2023</th>
<th>Tuesday 28/03/2023</th>
<th>Wednesday 29/03/2023</th>
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<tr>
<td>09:30 – 10:45</td>
<td>Session III &amp; Poster Session in A120</td>
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<td>Workshop on Metadata --- Meeting AG Digitale Kunstgeschichte</td>
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<tr>
<td>10:45 – 11:30</td>
<td>Coffee Break in M203</td>
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<td>11:30 – 13:00</td>
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<td>Session IV in A120</td>
<td>Workshop on Metadata --- Meeting AG Digitale Kunstgeschichte</td>
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<td>13:00 – 14:00</td>
<td>Registration in A120</td>
<td>Lunch Break in M203</td>
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<td>14:00 – 15:30</td>
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<td>Session I in A120</td>
<td>Session V in A120</td>
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<td>15:30 – 16:15</td>
<td>Coffee Break in M203</td>
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<td>16:15 – 17:00</td>
<td>Keynote by Fabio Remondino - Combining historical data and AI methods to valorise historical urban scenarios in room A120</td>
<td>Keynote by Marinos Ioannides - Documentation of the Past in the Digital Century: A Memory Twin or a Digital Twin? in room A120</td>
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<td>17:00 – 19:00</td>
<td>Session II &amp; Social Poster Session in M203</td>
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UHDL 2023 Sessions and Presentations (Part 1)

Session I, Monday 14:00 – 15:30 (15 min presentations)

Automatic generation of historical urban 3D models at a larger scale using multiple approaches - Ferdinand Maiwald, Francesca Condorelli, Dávid Komorowicz and Iqra Munir
Towards Querying Multimodal Annotations using Graphs - Jonas Bruschke and Florian Niebling
Metadata for 3D digital heritage models. In the search of a common ground. - Igor Bajena and Piotr Kuroczyński
The Accademia de lo Studio de l'Architettura — a Database project - Bernd Kulawik
The Nuremberg Stations of the Cross. Enriching on-site experiences of a historical pathway by the “FAU GeoExplorer” App - Ute Verstegen and Dominik Kremer

Session II, Monday 17:00 – 19:00 (5 min presentations)

An Interdisciplinary Literature Survey for Freedom Degrees of Spatial Design - Antonio Esposito and Sander Münster
The digitalization of many key elements of a Baroque historical building in Italy, from its architectural structure to frescoes, stuccoes and busts, and the technological tools for its valorization and communication to the public. - Manuela Serando, Matteo Ventrella and Davide Pantile
Controversial cities. A 4D versioned model for the convergence of historical information - Isabella di Lenardo, Beatrice Vaienti, Paul Guhennec and Frédéric Kaplan

Session III, Tuesday 9:30 – 10:45 (5 min presentations)

Richelieu. Histoire du Quartier - Modelling architectural, social and cultural life of a neighbourhood in Paris in the 19th century - Loïc Jeanson, Charlotte Duvette, Paul Kervegan, Justine Gain and Esther Dasilva
Inclusive and innovative learning tool for Visually Impaired and Blind people - Micaela Antonucci, Valeria Friso, Sofia Nannini and Sara Marchesani (virtual)

The markup of architectural objects as a contribution to the provision of research data for Urban History. Introducing baureka.online's approach to a common metadata schema. - Tobias Glitsch and Nadine Marcinczik
Sensitivity and error in the reconstruction of daylight conditions in ancient residential architecture - Clemens Brünenberg, Lars Oliver Grobe, Claudia Mächler, Andreas Noback and Stephen Wasilewski (virtual)
Creating a 4D historical model of a city: Learning experiences from a hackathon - Alain Dubois, Léa Marie d'Avigneau, Alexandre Luye and Johann Roduit
How can we turn architectural drawings into urban-history data? - Ágnes Telek
**UHDL 2023 Sessions and Presentations (Part 2)**

**Session IV, Tuesday 11:30 – 13:00 (15 min presentations)**

- **Public health, artisanal activities, and daily life in medieval Bologna: digital projects as teaching tools for urban history** - Taylor Zaneri and Rosa Smurra
- **Reviving the Sounds of Sacral Environments. Personalized Real-Time Auralization and Visualization of Location-Based Virtual Acoustic Objects on Mobile Devices** - Dominik Ukolov
- **Digital urban history education for pupils. First steps towards a teaching learning lab.** - Dora Luise Muenster and Sander Muenster
- **Virtual experiences using digital technologies for South Tyrol heritage education** - Francesca Condorelli, Alessandro Luigini and Giuseppe Nicastro
- **Digital Urban History Lab – Serious 3D in research, education and popularization of cultural heritage** - Piotr Kurowczyński, Igor Piotr Bajena and Peggy Große

**Session V, Tuesday 14:00 – 15:30 (15 min presentations)**

- **From archival sources to a 3D-visualization of Baroque urban topography** - Anna Mader-Kratky, Günther Buchinger and Alarich Langendorf
- **Historical Construction Research based upon 3D digital documentation of the Baroque Palais im Grossen Garten in Dresden** - Aaron Pattee, Matteo Burioni, Stephan Hoppe, John Hindmarch and Mona Hess
- **An Experimental Methodology for the 3D Virtual Reconstruction of Never Built or Lost Architecture** - Fabrizio Ivan Apollonio, Federico Fallavollita and Riccardo Foschi
- **Potentials for Research in Urban History – Online Research Tool 4D Community Browser** - Heike Messemer