

| Monday, November 3rd |                                                                                                                                               |                                                                                                                                                                                                                                  |                                                                                                                                                  |                                                                                                                 |
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|                      | Wappensaal                                                                                                                                    |                                                                                                                                                                                                                                  | Top 319                                                                                                                                          | Planungswerkstatt                                                                                               |
| 09:00 - 09:30        | Opening                                                                                                                                       |                                                                                                                                                                                                                                  | x                                                                                                                                                | x                                                                                                               |
| 09:30 - 10:00        | Keynote:                                                                                                                                      |                                                                                                                                                                                                                                  | x                                                                                                                                                | x                                                                                                               |
| 10:00 - 10:20        | Coffee break                                                                                                                                  |                                                                                                                                                                                                                                  | Coffee break                                                                                                                                     | x                                                                                                               |
| 10:20 - 10:40        | D. Bibby, A. Degraeve: Is This Session for Real?                                                                                              | R. Goldner: Lessons Learned in Heritage Technologies                                                                                                                                                                             | L. Ceccon, B. Gali, D. Villa: Collaborative Platforms for Cultural Heritage Preservation: New Database Technologies and Artificial Intelligence. | Advanced Cultural Heritage Training                                                                             |
| 10:40 - 11:00        |                                                                                                                                               | D. Mroczek: Rethinking Tech-Driven Heritage Protection in the Age of Treasure Hunting Popularity in Poland                                                                                                                       |                                                                                                                                                  |                                                                                                                 |
| 11:00 - 11:20        |                                                                                                                                               | M. R. Cakan: Digital Documentation of Seljuk Pavilions in Alanya                                                                                                                                                                 |                                                                                                                                                  |                                                                                                                 |
| 11:20 - 11:40        |                                                                                                                                               | L. O. Grobe, R. Bielefeldt, J. Eber: Embodied Roman light in action                                                                                                                                                              |                                                                                                                                                  |                                                                                                                 |
| 11:40 - 12:00        |                                                                                                                                               | A. Schenkel, C. Muyle, H. L. Guillaume, J. Reyniers, V. Henderiks, L. Vercruysse, K. Janssens, O. Deber: From Tools to Tactics: A Pragmatic Workflow for Real-World Challenges in the Study of In Situ Painted Reliquary Shrines |                                                                                                                                                  |                                                                                                                 |
| 12:00 - 12:20        |                                                                                                                                               | N. Draper, A. Maland: Technology to the rescue – digital solutions for cultural landscape heritage mitigation work at Riverlea in Kaurna country, Adelaide, South Australia                                                      |                                                                                                                                                  | I. Bajena, R. Nasarek: Do it yourself! WissKI Cloud as a semantic database for newbies.                         |
| 12:20 - 13:20        | Lunch break                                                                                                                                   |                                                                                                                                                                                                                                  | Lunch break                                                                                                                                      |                                                                                                                 |
| 13:20 - 13:40        | B. Vries, W. van Zijlenden: Remote Sensing for Archaeology and Heritage: past efforts and new developments                                    | M. Adam, A. Majid: Decolonizing Landscape Biographies: A Participatory Remote Sensing Approach to Reconstructing Firozabad, The Ephemeral Bahmani Capital in Medieval South Asia                                                 | E. Monamy, R. Brouwerstijn, D. Skiller: Gamification of Cultural Heritage                                                                        |                                                                                                                 |
| 13:40 - 14:00        |                                                                                                                                               | M. Scholte, J. Waagen: ConuSAI: a QGIS plugin for anomaly detection in archaeological remote sensing data                                                                                                                        |                                                                                                                                                  |                                                                                                                 |
| 14:00 - 14:20        |                                                                                                                                               | P. Soubrier, X. Hu, M. Wlaminch, H. Luong, N. van den Bosch: Optimized Spectral Sensing for Reliable Façade Vegetation Detection                                                                                                 |                                                                                                                                                  |                                                                                                                 |
| 14:20 - 14:40        |                                                                                                                                               | X. Hu, P. Soubrier, N. van den Bosch: Development of Optimized Spectral Indices for Vegetation Degradation Classification on Historic Building Facades Using Hyperspectral Imaging                                               |                                                                                                                                                  |                                                                                                                 |
| 14:40 - 15:00        | Coffee break                                                                                                                                  |                                                                                                                                                                                                                                  | Coffee break                                                                                                                                     | Advanced Cultural Heritage Training                                                                             |
| 15:00 - 15:20        | G. Verdiani, M. Russo: The age of irreproachable dervishes and digital ghosts: stories of challenging digital adventures in cultural heritage | Z. O. Özdemir: Fragments of Water: Reimagining Kızılbaş Han through Broken Fountains and Digital Ghosts                                                                                                                          | Student Slot                                                                                                                                     |                                                                                                                 |
| 15:20 - 15:40        |                                                                                                                                               | G. Verdiani, E. Miho, S. Girardeau: The Tekke of Dollma, in Krujë, Albania - An intervention between curiosity and emergency                                                                                                     |                                                                                                                                                  |                                                                                                                 |
| 15:40 - 16:00        |                                                                                                                                               | G. Verdiani, A. Pasquali, A.D. Marchi, F. Corsini: Virtual Restoration of the Frescoes in the Lower Basilica of Saint Francis in Assisi: Digital Survey and Reconstruction                                                       |                                                                                                                                                  |                                                                                                                 |
| 16:00 - 16:20        |                                                                                                                                               | P. Ferschlin, I. Erb, B. Kovacs, S. Niedermair: Queen of the Desert: Tales of the Unexpected                                                                                                                                     |                                                                                                                                                  |                                                                                                                 |
| 16:20 - 16:40        |                                                                                                                                               |                                                                                                                                                                                                                                  |                                                                                                                                                  | S. Stead, J. Jansen: CRMarcheo Workshop: Beyond FAIR Practice: Adding Archaeological Process, Myths and Legends |
| 16:40 - 17:00        |                                                                                                                                               |                                                                                                                                                                                                                                  |                                                                                                                                                  |                                                                                                                 |
| 17:00 - 17:20        |                                                                                                                                               |                                                                                                                                                                                                                                  |                                                                                                                                                  |                                                                                                                 |
| 17:20 - 17:40        |                                                                                                                                               |                                                                                                                                                                                                                                  |                                                                                                                                                  |                                                                                                                 |
| 17:40 - 18:00        |                                                                                                                                               |                                                                                                                                                                                                                                  |                                                                                                                                                  |                                                                                                                 |
| 18:00 - 18:20        |                                                                                                                                               |                                                                                                                                                                                                                                  |                                                                                                                                                  | CAA ?                                                                                                           |
| 19:30                | Opening Event                                                                                                                                 |                                                                                                                                                                                                                                  |                                                                                                                                                  |                                                                                                                 |

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|  | Venue       |
|  | Session     |
|  | Round Table |

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|  | Advanced Cultural Heritage Training |
|  | Panel / Work Meeting / Awards       |
|  | Social Event                        |

| Tuesday, November 4th |                                                                                                                                                                                                      |                                                                                                                                                                                                    |                                                                                                                                                                                       |                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
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|                       | Wappensaal                                                                                                                                                                                           |                                                                                                                                                                                                    |                                                                                                                                                                                       | Top 319                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                      |  | Planungswerkstatt                                                                                                                                                                                                                       |  | Ahnensaal   |  | Weltmuseum                                                                                                                                                                        |  |  |             |  |                                                                                                                        |  |  |
| 09:00-09:30           | Keynote:                                                                                                                                                                                             |                                                                                                                                                                                                    |                                                                                                                                                                                       | X                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                      |  | X                                                                                                                                                                                                                                       |  | X           |  | X                                                                                                                                                                                 |  |  |             |  |                                                                                                                        |  |  |
| 09:40-10:00           | M. C. Manzetti, F. Di Biase: Heritage narratives through digital maps                                                                                                                                | E. C. Giovannini: HeritageMaps and Digital Storytelling for Cultural Heritage. Experiencing 3D contents from digital collections to exhibit design communication                                   |                                                                                                                                                                                       | F. Thiery, N. Alpino, M. Thor Straten, S. Stead, J. Jansen: Research Data Management in an agile, semantically interlinked, data-driven and AI-based world of Knowledge Hubs — A re-turn for FAIR reuse of archive data? | S. Stead, J. Jansen: True integration: Continuing the journey to representing archaeological documentation with the CRM family                                                                                                                       |  | X                                                                                                                                                                                                                                       |  | X           |  | X                                                                                                                                                                                 |  |  |             |  |                                                                                                                        |  |  |
| 10:00-10:20           |                                                                                                                                                                                                      | K. Schoueri: Mapping the Past in 3D. The Use of Maps in 3D Digital Storytelling for the Late Roman Castellum of Maastricht                                                                         |                                                                                                                                                                                       |                                                                                                                                                                                                                          | F. Thiery, D. Stefan, L. Mempel – Länger, F. Schenk, N. White, A. K. Distel, P. Thiery: How to create a semantically interlinked Cultural Heritage Knowledge Graph from heterogeneous distributed repositories?                                      |  | Round Table                                                                                                                                                                                                                             |  | Round Table |  | U. Herbig, K. Wiwardani, P. Wilentz: 20 Years of Collaboration Projects on Cultural Heritage Between Indonesia and Europe                                                         |  |  |             |  |                                                                                                                        |  |  |
| 10:20-10:40           |                                                                                                                                                                                                      | M. Vargha, S. Eichert: From Graves to Networks: Reconstructing Christianisation through Spatial Modelling. Insights from the ERC Project RELIC                                                     |                                                                                                                                                                                       |                                                                                                                                                                                                                          | G. Hiebel, A. Hornschuch, R. Lamprecht, T. Stöllner: How to Build a Knowledge Graph for Historic Mining Research. Conceptual Modelling of Archaeological Excavation Resources Related to Mining Archaeology with CIDOC CRM and Latest CRM Extensions |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 10:40-11:00           | Coffee break                                                                                                                                                                                         |                                                                                                                                                                                                    |                                                                                                                                                                                       | Coffee break                                                                                                                                                                                                             |                                                                                                                                                                                                                                                      |  | Round Table                                                                                                                                                                                                                             |  | Round Table |  | S. Zorpidou, E. Messinas: How can we make the invisible visible using new technologies? Reflecting on Europe's lost Jewish communities and their lost cultural heritage, Part II. |  |  |             |  |                                                                                                                        |  |  |
| 11:00-11:20           | M. C. Manzetti, F. Di Biase: Heritage narratives through digital maps                                                                                                                                | B. Milčević: More than Plain(Lands)                                                                                                                                                                |                                                                                                                                                                                       | F. Thiery, N. Alpino, M. Thor Straten, S. Stead, J. Jansen: Research Data Management in an agile, semantically interlinked, data-driven and AI-based world of Knowledge Hubs — A re-turn for FAIR reuse of archive data? | I. Rosenzova, L. Schönm, F. Thiery: Expressing Uncertainty in Cultural Heritage Knowledge Hubs. Applications in Wikibase instances from the German humanities NFDI consortia                                                                         |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 11:20-11:40           |                                                                                                                                                                                                      | M. C. Manzetti, F. di Biase: A Story Map of the Grand Tour in Greece: the emotional impact of the material heritage                                                                                |                                                                                                                                                                                       |                                                                                                                                                                                                                          | D. Stefan, F. Thiery, S. Stead: Linked Inscriptions: Modelling Cultural Heritage with CIDOC-CRM. Crosswalking TEI/EpDoc and Wikidata into Interoperable FAIR Knowledge Graphs                                                                        |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 11:40-12:00           |                                                                                                                                                                                                      | N. L. Barradas - Fernandes: From Digital to Material. The Impact of New Technologies on the Restoration Process of the National Museum of Rio de Janeiro                                           |                                                                                                                                                                                       |                                                                                                                                                                                                                          | 3 Presentations (see below) *                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 12:00-12:20           | N. A. Dadizadeh: Digital Cultural Heritage Interpretation: Insights From a Systematic Literature Review                                                                                              |                                                                                                                                                                                                    |                                                                                                                                                                                       | M. Russo, V. Cera-Smart: Archaeology: new perspectives and challenges for archaeology in the digital-driven era                                                                                                          | E. Ribera: Mapping Complex Archaeological Spaces: Multi-Modal Documentation of Confined Rock-cut Architecture. Virtual Reality and Physical Prototyping of the "Covetes dels Moros" Medieval Granaries (Bocairent, Spain)                            |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  | Round Table |  | L. Ma, G. L. Guo, W. Börner: Digital Context: Unlocking the Value and Commercial Ecosystems of Heritage Digital Assets |  |  |
| 12:20-12:40           | L. Nixon: Revealing Heritage Collections' Relevance to the SDGs through Web Intelligence and Virtual Data Sculptures: The GreenGLAM Project                                                          |                                                                                                                                                                                                    | A. Mauro, A. Magnelli, A. Cavallaro: "Tiresias, the Myth in Your Hands" and "The Rizzon Collection": Inclusive and Multisensory Strategies for Archaeological Accessibility in Matera |                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 12:40-13:00           | V. Đaić-Škondrić: Development of new business models in cultural heritage                                                                                                                            |                                                                                                                                                                                                    | T. Leutgeß: ArchSurv4QGIS. An Open-Source QGIS Algorithm Pipeline for Automated Feature Drawings from Delimited Text                                                                  |                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 13:00-13:20           | M. Wu: The Power of Museum Knowledge in Rapidly Changing Times. The Palace Museum Digital Gallery with a digital curatorial/educational platform based on knowledge base                             |                                                                                                                                                                                                    | A. Norqvist, S. Liahaugen: FieldRec: An in-house Solution for Streamlining Archaeological Field Documentation                                                                         |                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 13:20-14:20           | Lunch break                                                                                                                                                                                          |                                                                                                                                                                                                    |                                                                                                                                                                                       | Lunch break                                                                                                                                                                                                              |                                                                                                                                                                                                                                                      |  | Lunch break                                                                                                                                                                                                                             |  | Lunch break |  | Lunch break                                                                                                                                                                       |  |  |             |  |                                                                                                                        |  |  |
| 13:40-14:00           | S. Münster: Data and technologies for architectural and urban history (UHDL)                                                                                                                         | F. Condorelli: Transforming Archives into Space: AI-Based Urban Heritage Reconstructions from Europeana                                                                                            |                                                                                                                                                                                       | R. Poyer, J. Vieth, E. Steigberger: How is the Real World Doing? Digital Applications in Cultural Heritage                                                                                                               | P. Bauer: Data quality of point clouds from terrestrial laser scanners                                                                                                                                                                               |  | Advanced Cultural Heritage Training                                                                                                                                                                                                     |  | Round Table |  | Panel                                                                                                                                                                             |  |  |             |  |                                                                                                                        |  |  |
| 14:00-14:20           |                                                                                                                                                                                                      | R. Foschi, F. I. Apollonio, F. Fallavollita: Validating 3D digital hypothetical reconstructive models. A semi-automatic methodology based on novel multipatform open-source tools                  |                                                                                                                                                                                       |                                                                                                                                                                                                                          | A. Magnelli: Victory and Memory: Enhancing Accessibility and Historical Understanding of the Monument to Victory in Bolzano through Virtual Reality                                                                                                  |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 14:20-14:40           |                                                                                                                                                                                                      | S. Münster, D. Komorowicz, J. Brusckie, D. Ukolov, V. Rajan, R. Pressler: Compiling 4D urban history from various data sources. Approaches for geolocalization and performance optimization        |                                                                                                                                                                                       |                                                                                                                                                                                                                          | M. Wetchy, H. Davis: Digital Heritage in the Service of Remembrance. Challenges and opportunities of digital processing and digitization in the work on the Mosul archives                                                                           |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 14:40-15:00           |                                                                                                                                                                                                      | M. E. Kabadayi: Semantic Segmentation of Historical Insurance Maps and Creation of Historical Digital Urban Twins as Teaching Tools for Urban History in the Age of Digital Libraries              |                                                                                                                                                                                       |                                                                                                                                                                                                                          | B. Paulowitz: WHEIM – a holistic approach to Cultural Landscape Inventorying. How integrate different methodologies in order to make available advanced impact assessments in the World Heritage Context                                             |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 15:00-15:20           | Coffee break                                                                                                                                                                                         |                                                                                                                                                                                                    |                                                                                                                                                                                       | Coffee break                                                                                                                                                                                                             |                                                                                                                                                                                                                                                      |  | Advanced Cultural Heritage Training                                                                                                                                                                                                     |  | Round Table |  | Panel                                                                                                                                                                             |  |  |             |  |                                                                                                                        |  |  |
| 15:20-15:40           | S. Münster: Data and technologies for architectural and urban history (UHDL)                                                                                                                         | O. Rosignoli: Between archaeology, architecture and daily life. The unique situation of Pompeii and the weight of its semantics                                                                    |                                                                                                                                                                                       | R. Poyer, J. Vieth, E. Steigberger: How is the Real World Doing? Digital Applications in Cultural Heritage                                                                                                               | S. Eichert, M. Vargha: The THANADOS Network – An Open Platform for Cultural Heritage Data from the European Middle Ages and beyond. The ERC Project RELIC and its data within the THANADOS Portal                                                    |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 15:40-16:00           |                                                                                                                                                                                                      | I. P. Bajena, C. Beck, D. Dworak, M. Weigelt: Towards the standardisation of infrastructural workflow for 3D models. Achievements of the DFG 3D-Viewer Project's Second Funding Phase              |                                                                                                                                                                                       |                                                                                                                                                                                                                          | 5 presentations (see below) **                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 16:00-16:20           |                                                                                                                                                                                                      | A. Esposito: Analysis of the depiction of lighting and shading in Caspar David Friedrich's interpretation of Eldena Abbey. A pipeline for shadow analysis involving 3D modelling and image editing |                                                                                                                                                                                       |                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 16:20-16:40           |                                                                                                                                                                                                      | A. M. Rangel, T. Sharpe, L. McElroy, Y. Grandgirard, Y. Battikha, M. Z. Farooq: Bridging Heritage and Performance. Monitoring-Based Retrofit Strategies for Pre-1919 Buildings                     |                                                                                                                                                                                       |                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| 19:00                 | Social Event                                                                                                                                                                                         |                                                                                                                                                                                                    |                                                                                                                                                                                       |                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
| *                     | 1) M. thor Straten, S. Stroh, F. Thiery, M. Renz: FAIRifying Interdisciplinary Heterogeneous Information Networks in the Cultural Heritage Domain                                                    |                                                                                                                                                                                                    |                                                                                                                                                                                       | **                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                      |  | 4) C. Ferreyra, B. Messina, S. Antinozzi, A. di Filippo: Immersive Experiences for Architectural Heritage Conservation                                                                                                                  |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
|                       | 2) L. Mempel – Länger, F. Thiery, K. Fischer, A. Gerber: Human-machine interactions, annotations and alignments in Cultural Heritage terminologies – Examples from the realm of conservation science |                                                                                                                                                                                                    |                                                                                                                                                                                       | 2) Z. Li: Reconnecting Museum Exhibits with the Contemporary Context Through the "Digital Birch Bark Jar": A Postphenomenological Approach to Interactive Digital Visualisation                                          |                                                                                                                                                                                                                                                      |  | 5) B. T. Cavka, I. A. Hayreter, Ö. C. Öner, H. G. Kutlu: A Sustainable Energy-Efficient Retrofit of a Heritage Building with Minimum Data Collection: A Pragmatic Approach to Low-Intervention Conservation. HORIZON 2020 INHERIT Pilot |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |
|                       | 3) A. Noback, F. Thiery, T. Schrade: Bridging the Disciplines for Cultural Heritage? Case studies on how to align Linked Open Data and FAIR Digital Objects in Federated Knowledge Graphs            |                                                                                                                                                                                                    |                                                                                                                                                                                       | 3) L. Geewe, M. Kattenbeck, I. Giannopoulos: GeoAReas: Enabling geo-referenced cultural heritage communication                                                                                                           |                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                         |  |             |  |                                                                                                                                                                                   |  |  |             |  |                                                                                                                        |  |  |

|               | Wappensaal                                                                                                                                              |                                                                                                                                                                                                            | Top 319                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                              | Festsaal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                 | Ahnensaal                                                                                                                                  |                                     | Planungswerkstatt                   |  |
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| 09:00 - 09:30 | Keynote:                                                                                                                                                |                                                                                                                                                                                                            | x                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                              | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                 | x                                                                                                                                          |                                     | x                                   |  |
| 09:40 - 10:00 | S. Münster, F. I. Apollonio: Humanities research and education on architectural and urban history (UHOI)                                                | M. Wacker, M. Grellert, J. Bruschke, D. Beck, A. Noback, C. Clausen: Paradata, source classification and comparative visualisation. Components for evaluation and documentation of virtual reconstructions | E. Mesinas: P. Antoniadis: Innovation in Sustainable Restoration of Cultural Heritage Buildings                                 | A. Buda, C. Flyen, L. J. Hvinden -Haug, V. Pracchi: Enhancing Sustainable Retrofit through a Holistic Approach Integrating User Perspectives and Heritage Value Analysis. Findings from the HerTACE Project.                                                                                                                                                 | J. E. Abrahamse, R. van Lanen, E. Schmitz: The Past of New Technologies. Shaping cultural heritage and research futures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | R. Panhuysen, M. Meurs, M. Sepers: Imagining the Unexpected. Thirty years of CT images in osteoarchaeology and funerary archaeology                                                                             | x                                                                                                                                          | x                                   | x                                   |  |
| 10:00 - 10:20 |                                                                                                                                                         | D. Münster, R. Dietz, S. Münster: Urban history projects by university students for school pupils. The use of Minecraft and ChatGPT in a humanities teaching and learning laboratory                       |                                                                                                                                 | G. Racca, S. Xydis: INHERIT next-generation solutions for cultural heritage buildings. Fostering capacity building and policy advocacy for sustainable restoration                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M. Koslan, R. van Lanen: Digital Mapping for Societies in Digital Development. Using Experience and Technological Knowledge to Integrate Planning, Heritage, and Local Narratives in the Caribbean Netherlands. |                                                                                                                                            |                                     |                                     |  |
| 10:20 - 10:40 |                                                                                                                                                         | V. P. Bajewa, W. Trzasko: 3D Cultural Heritage Data in Germany: Assessing the Sustainability of Institutional Preservation Efforts                                                                         |                                                                                                                                 | S. Sand, M. Briäuger, E. J. de Placé-Hansen, D. Herrera, P. Scheutzi, A. Trol, G. Leijonhufvud, E. Poma, A. Lanzetta, E. Pekala, A. Moreno - Rangel: Futurist digital decision-making toolkit. A presentation of the ambitions, ideas and design behind a simplified approach to multidimensional decision-making for historic buildings' retrofit in Europe |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R. van Lanen, M. Kamerling: Technology & Tradition. Reflecting on Thirty Years of Technological Innovation and Future Lessons for the Cultural Heritage Agency of the Netherlands                               |                                                                                                                                            |                                     |                                     |  |
| 10:40 - 11:00 |                                                                                                                                                         | C. Kröber, K. Fritzsche, W. Ehrenberger: Big Publication Data - Insights from Research Projects and Articles into Cultural Minorities' Part in Research and Funding                                        |                                                                                                                                 | D. Gonzalez, G. Calleja, N. Nuñez: Prosumer solutions for Cultural Heritage buildings                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | L. Crouzet: 404 Missing Data. Preservation of born-digital architecture                                                                                                                                         |                                                                                                                                            |                                     |                                     |  |
| 11:00 - 11:20 | Coffee break                                                                                                                                            |                                                                                                                                                                                                            | Coffee break                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                              | Coffee break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                 | Round Table<br>E. De Benedictis, F. Meneghetti, M. E. Alberti: Digital humanities and Legacy data studies: current issues and perspectives | Advanced Cultural Heritage Training | C. Sinclair: Mainstreaming Heritage |  |
| 11:20 - 11:40 | S. Münster, F. I. Apollonio: Humanities research and education on architectural and urban history (UHOI)                                                | A. Plonick Skaric: On the Limits of the Visualisation of Lost Urban Fabric Using Documents of Medieval Communes: The Dubrovnik Scandal of 1433.                                                            | E. Mesinas: A Modern Cultural Heritage Sustainable Renovation. The SINCERE Horizon program pilot site of a Brutalist case study | J. E. Abrahamse, R. van Lanen, E. Schmitz: The Past of New Technologies. Shaping cultural heritage and research futures                                                                                                                                                                                                                                      | A. Wutte: Shape grammars in use--innovations and possibilities of rule-based generations in archaeology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |
| 11:40 - 12:00 |                                                                                                                                                         | F. I. Apollonio, F. Fallavollita, R. Foschi: The CoVHer MOOC. A Methodological Course on the 3D Computer-Based Visualisation of Architectural Cultural Heritage                                            |                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                              | 4 Presentations (see below) *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N. L. Barradas - Fernandes: From Digital to Material. The Impact of New Technologies on the Restoration Process of the National Museum of Rio de Janeiro                                                        |                                                                                                                                            |                                     |                                     |  |
| 12:00 - 12:20 |                                                                                                                                                         | S. Yin: From Plot to Bit: The History of Digitization Technologies in Architectural and Urban Heritage Documentation                                                                                       |                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                              | ICOMOS Award?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |
| 12:20 - 12:40 |                                                                                                                                                         | C. Kröber: A General Digitization Process for Cultural Heritage derived from a Scoping Review                                                                                                              |                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lunch break                                                                                                                                                                                                     |                                                                                                                                            |                                     |                                     |  |
| 12:40 - 13:40 | Lunch break                                                                                                                                             |                                                                                                                                                                                                            | Lunch break                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                              | Lunch break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                 | Lunch break                                                                                                                                |                                     |                                     |  |
| 13:40 - 14:00 | P. Kuczyński, C. Fekemann, Y. Arayici: Preserving Cultural Heritage in the Digital Age: HBIM and the Challenges of Climate Change and Innovation (UHOI) | A. Andrea, D. Treccani, B. Scala, S. Pinheiro, L. Mazarotto: SLAM-Scan to HBIM for 3D Degradation Mapping in a Climate-Affected Circular Fortification. The Case of Werk Sofia in Verona                   | N. Ajlano, B. Dartheze: PhD-/Master-Session                                                                                     | S. Ladikou: Evaluating digital applications in museums: the impact of QR code-enabled video in cultural exhibitions                                                                                                                                                                                                                                          | *<br>1) G. Leijonhufvud, Y. Grandgirard, S. Sand, D. Herrera: Performance Indicators for the Energy Retrofit of Historic Buildings. A Structured Multidimensional Approach<br><br>2) N. Nuñez, N. J. Redondo, G. C. Rodríguez: Catalogue of solutions for cultural heritage sites towards resilience, sustainability & resource-efficiency<br><br>3) A. Vanderroost, L. Maton, E. Himpe, A. Janssens: Towards a Holistic Decision-Making Framework for Energy Renovations in Heritage Buildings. Identifying requirements for a holistic decision-making framework<br><br>4) P. Antoniadis: The Building Stories Platform. Cultural heritage buildings in dialogue, for sustainable preservation and use |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |
| 14:00 - 14:20 |                                                                                                                                                         | F. Niccolucci: The ARTEMIS project and the Reactive Heritage Digital Twin Ontology                                                                                                                         |                                                                                                                                 | A. Martinelli: The Role of Augmented Reality in Transnational Urban Projects within UNESCO World Heritage Sites. Development of an AR App for the Municipio Case Study in Naples, Italy.                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |
| 14:20 - 14:40 |                                                                                                                                                         | S. Trischberger: Redefining HBIM Workflows for a FAIR Reconstruction Approach. Based on Current Research at the Archaeological Site of Madinat al-Zahra'                                                   |                                                                                                                                 | A. A. Mejia, A. Rodler: Pigment Provenance Studies: New Digital Tools to Connect Pigment Trade and Production Networks                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |
| 14:40 - 15:00 |                                                                                                                                                         | J. Franczuk, K. Argasinski, K. Koszewski: Information Processes in Architectural Heritage: Integrating HBIM, Simulation, and Visualization in Academic Practice                                            |                                                                                                                                 | K. Nakaschi, M. Sultā, H. Tsuruta, T. Higo, K. Suemori, Y. Yatsuura: Virtual Assembly Environment for Ancient Egyptian Mural Fragments Using 3D Data. Case Study of the mural painting in the burial chamber of Mastaba Idout, Saqqara                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |
| 15:00 - 15:20 | H. Reinhold, O. Schulz, C. Raabe, J. Beetz: Towards an Open HBIM Guideline. A Teaching Case Report                                                      | A. Felvinci: Field research and saving through documentation of Kornis-Rákóczi-Bethlen castle in Iernut, Romania                                                                                           |                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |
| 15:20 - 15:40 | Coffee break                                                                                                                                            |                                                                                                                                                                                                            | Coffee break                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |
| 15:40 - 16:00 | P. Kuczyński, C. Fekemann, Y. Arayici: Preserving Cultural Heritage in the Digital Age: HBIM and the Challenges of Climate Change and Innovation (UHOI) | A. Gil, Y. Arayici: AI Implementation Roadmap for Automated HBIM Modelling                                                                                                                                 | N. Ajlano, B. Dartheze: PhD-/Master-Session                                                                                     | D. Mendes, A. Esteves, J. G. Andrade: Heritage Within the Community's Reach Through the Use of New Technologies: The House of Knowledge of Vila Verde                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |
| 16:00 - 16:20 |                                                                                                                                                         | M. Sullini: From Measured to Trusted: Documenting Geometric Reliability in 3D Heritage Assets. Extending transparency practices beyond reconstruction to the acquired geometry of digitised models         |                                                                                                                                 | T. Cipar, A. W. Putz, A. Chalmers: Visual Simulation of Modern Building Heritage                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |
| 16:20 - 16:40 |                                                                                                                                                         | A. Pöllinger: The Digital Construction Archive. HBIM for Long-term Preservation of Digitally Fabricated Architecture                                                                                       |                                                                                                                                 | C. Wang: Embodied Cognition, Image Schema, and the Visual Regulation of Urban Heritage: An Analysis through London's View Management Framework (LVMF)                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |
| 17:00 - 19:00 |                                                                                                                                                         | Digital Creative Award                                                                                                                                                                                     |                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |
| 19:30         | Anniversary Celebration in the Festsaal                                                                                                                 |                                                                                                                                                                                                            |                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                 |                                                                                                                                            |                                     |                                     |  |