

Heritage BIM in Monument Documentation & Preservation

Venue: Politechnika Lodzka

Keynote and discussion

Friday, 24.04.2026, 14:00 – 17:00

Workshop

Monday, 27.04.2026, 9:00 – 17:00

Tuesday, 28.04.2026, 9:00 – 17:00

Keynote and discussion

Implementing HBIM for Cultural Heritage Preservation – From Documentation to Sustainable Management

Workshop Overview

A practical, accessible introduction to Heritage Building Information Modeling (HBIM) based on the real digital documentation workflow of the UNESCO World Heritage Site “Worms Synagogue”. The workshop combines practical demonstration roles (architect, conservator and asset manager) provided by the AI MAINZ, and strategic insight into how HBIM supports documentation, conservation planning, operation and long-term monitoring of a heritage asset.

Workshop Goals

Participants will be introduced to:

- The responsible municipal authorities’ expectations regarding data delivery, naming conventions, and use of the CDE (Catenda Hub as example)
- Typical roles of external specialists within an HBIM-based workflow (Archicad and Revit data exchange)
- How survey data, expert analyses, monitoring results, and conservation documentation are integrated into a shared digital model
- How heritage-specific requirements such as authenticity, historical value, and conservation decisions are documented without over-modelling
- A practical demonstration of commissioning, model delivery, validation, and use of HBIM data by the city as asset manager (Issue Management in Solibri as an example)

Outcome

The workshop will establish a common understanding of workflows, responsibilities, and next steps, supporting transparent and coordinated collaboration between the involved authorities and external specialists (inter alia engineers) in on historical objects.