

T4EU Annual Conference 2024 in Katowice /Cieszyn WP7 T7.5

Workshop: 3D Modelling for Heritage Preservation: Sustaining Local History

The Task 7.5 is aimed at developing processes and tools to apply digital recreation tools and practice-based artistic research methodologies into all programmes and research areas and levels. The objective of the workshop is to educate experts and researchers in the use of simple scanning tools and to broaden the understanding of the importance of metadata, and also generate debate on who could benefit from such models.

Scientific committee:

Anneli Randla, Head of Cultural Heritage and Conservation Department, Associate Professor, Senior Researcher, Head of the PhD curriculum in Cultural Heritage and Conservation

Andres Uueni, Head of MUKOLA (Cultural Heritage and Conservation Laboratory)

Scholars involved in the teaching activities:

Kertu Paal

Workshop Description:

This workshop is designed for T4E alliance experts who are interested in learning about 3D modelling and the rich heritage of Katowice. Workshop is taking place in the framework of the annual heritage conference “European Heritage – Theoretical Framework, Values and Sustainability.” The workshop will last three hours in one day.

Workshop activities:

- **9:00–9:20 Introduction to 3D Modelling:**
 - Get hands-on experience with a widely accessible 3D scanning app. Whether you're a beginner or have some experience, EKA's experts will guide you through the process of creating digital models.
- **9:20–10:50 Exploring Local Heritage:**
 - Discover the fascinating history of Katowice through its architecture. We will focus on significant historical features, such as doors, windows, and other architectural details that tell the story of the past.
- **9:20–10:50 Modelling a Historical Landmark:**
 - Using the 3D scanning app, participants will create 3D models of a chosen historical feature.

- **10:50–11:20 The Importance of Metadata:**
 - Learn about the vital role of metadata in 3D models. We will discuss what types of data are essential to attach to your models to provide context, such as historical significance, architectural details, and cultural stories.
- **11:20–11:40 Bringing Models to Life:**
 - Understand how to enrich your 3D models with stories and value by incorporating relevant information. This session will highlight the significance of storytelling in preserving and sharing our heritage through digital means.
- **11:40–12:00 The Importance of 3D Modelling:**
 - Discussion about who could use such models in the future and for what.

Criteria:

- Maximum of two participants from each alliance university is allowed.
- Participants do not need to have previous scanning experience, but it would be helpful to have some previous experience with models in order to understand and contribute to the discussion.
- Participants must have a smartphone or tablet where they can download the scanning application.

Details:

- Date and Time: 22.10.2024 9:00–12:00
- Location: Katowice