AUTOMATA

ENHANCING AI-BASED CLASSIFICATION:

ADVANCING LEARNING ALGORITHMS FOR THE CLASSIFICATION OF ARCHAEOLOGICAL ARTEFACTS BASED ON SHAPE, MATERIAL, AND ARCHAEOMETRY DATA.

WHAT IS AUTOMATA?

Using AI-augmented robotics and sensors, the EU – funded AUTOMATA project will create 3D models enriched with archaeometry data, providing a practical and cost – effective solution for digitization, and contributing to the European Collaborative Cloud for Cultural Heritage (ECCCH). Discover our Research Focuses:

RESEARCH FOCUS 4 ENHANCING AI – BASED CLASSIFICATION

AUTOMATA is developing AI tools that can automatically sort and identify archaeological artefacts. By using large amounts of data – including images, shapes and scientific details – the AI will continue to learn and get better over time. This will improve the accuracy with which artefacts are classified and studied.

AUTOMATA-ECCCH.EU