ARCHAIDE

ARCHAELOGICAL
AUTOMATIC INTERPRETATION
AND DOCUMENTATION
OF CERAMICS

ArchAIDE Project

A technological innovation to serve changing archaeological practice
Take a picture and discover the past!

Press Conference: Friday, December 2, 2016, 11:30 am
Location: Rome, San Michele a Ripa Complex - Room Molajoli

A team of researchers have recently launched an innovative cultural project, funded by the European Community under the Horizon 2020 program.

Over the next three years, the ArchAIDE project will develop a new app that aims to change the global practice of archeology, thanks to the latest automatic image recognition technology.

The ArchAIDE project (*Archaeological Automatic Identification and Documentation of cEramics*, 2016-2019) will create **a new system for the automatic recognition of archaeological objects** from excavations around the world.

The project will be presented on **Friday, December 2, 2016 at 11:30 am, in the Molajoli Room** in the San Michele a Ripa Complex in Rome, Italy and will include the launch of the project website and all project details.

The project involves more than **35 researchers, computer scientists, designers, video makers** from nine universities, public research centers and private companies from **5 countries** (Italy, Germany, Israel, Spain, United Kingdom).

The project is coordinated by the **MAPPA Laboratory** at the University of Pisa.

Every day, archaeologists from around the world are **working to discover and tell stories around objects from the past,** investing considerable time, effort and funding to identify and characterise individual finds. Today, this characterisation and classification of ceramics is carried out manually, through the expertise of specialists and the use of analogue catalogues held in archives and libraries.

The goal of ArchAIDE is to optimise and economise this process, making knowledge accessible wherever

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archaeologists are working.

The ArchAIDE App for **tablets** and **smartphones** aims to become an **essential tool for archaeologists**. Ceramic fragments will be **photographed**, their **characteristics sent to a comparative collection,** which activates the **automatic object recognition system**, resulting in a **response with all relevant information** linked and ultimately **stored within a database** that allows each **new discovery to be shared online**. ArchAIDE will provide another **vital avenue for Archaeology** to use the Web to **create new knowledge, shared and accessible to all.**

The App will be tested in the field and in several European countries, thanks to the direct participation of archaeological professionals, who will **give feedback** on the product prior to the release of the final version, planned for the first months of 2019.

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