

## The COINS Project workshop

### Overview

The COINS project aims at providing a substantial contribution to the fight against illegal trade and theft of coins that appears to be a major part of the illegal antiques market. For this goal, state-of-art Information Technology will be used. The project will develop standardized inventories by defining a domain ontology based on CIDOC-CRM, the standard ontology for Cultural Heritage, and a multilingual thesaurus. Data management tools will be created as well, and a specialized web search tool.

The recognition of coins will be based on new algorithms of pattern recognition and image processing, in a field (classification and identification of ancient coins) as yet unexplored. The project will disseminate its results also by means of a demonstrator freely accessible on the Internet. Substantial contribution to the project will come from stakeholders, some of which are present in the partnership, which includes the Italian law enforcement organization Carabinieri and three major national museums with important coin collections.

Chair: Franco Niccolucci

### Speakers:

Sorin Hermon - The Coins project - an overview

Sandro Saccenti - An innovative approach to ancient coins image search on the Internet.

Martin Kempel - Algorithms for classification and identification of ancient coins

Andrea D'Andrea - An ontology for numismatics

Achille Felicetti - A semantic approach for data archiving and retrieval of ancient coins databases