

# IMEKO International Conference on Metrology for Archaeology and Cultural Heritage

Torino, Italy, October 19 - 21, 2016

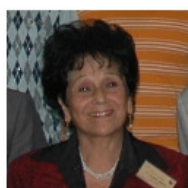


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## Measurements for metallic artefacts characterization and safeguard

PROMOTED BY

### Organizers



**Venice K. Gouda**  
*National Research Center-NRC, Cairo, Egypt*  
email: [vgoudak@yahoo.com](mailto:vgoudak@yahoo.com)



**Elisabetta Di Francia**  
*Dipartimento di Scienza Applicata e Tecnologia  
Politecnico di Torino, Italy*  
email: [elisabetta.difrancia@polito.it](mailto:elisabetta.difrancia@polito.it)



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### Abstract

Nowadays, conservation of metallic artifacts or archaeological and historic interest is based on the concept of preventive conservation, taking into account that the degradation phenomena cannot be avoided and the aging processes are the result of the interaction with the environment which surrounds the artifacts. According to the Conservation Committee of the International Council of Museums (ICOM-CC) preventive conservation is defined as "all measures and actions aimed at avoiding and minimizing future damages". Non-invasive diagnostic techniques and measurements are, therefore, very important tools for restorers and art historians to obtain trustworthy information on the artefact conservation state, on the degradation mechanism affecting the artefact as a function of the environment in which it is exposed and of the stability of the restoration treatment. This information is essential for the development of the most appropriate methodology for ensuring a long-lasting preservation of these important witnesses of the human culture.

In detail the main topics will be:

- Measurement techniques for studying the corrosion behaviour of metallic artefacts
- Non-invasive diagnostic techniques for in situ measurements and long-time monitoring
- Eco-friendly and sustainable methodologies for preventive conservation
- Measurements and sensors for environmental monitoring.



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## IMPORTANT DATES



**Special Session Proposal**

July 10, 2016



**Abstract Submission**

September 10, 2016



**Acceptance/Rejection Notification**

September 20, 2016



**Early Registration**

September 30, 2016



**Final Paper Submission**

October 10, 2016