

2019 IMEKO TC-4 INTERNATIONAL CONFERENCE ON

# METROLOGY FOR ARCHAEOLOGY AND CULTURAL HERITAGE

FLORENCE, ITALY | DECEMBER 4-6, 2019

**CALL** for  
**PAPERS** for the special session on:



UNIVERSITÀ  
DEGLI STUDI  
FIRENZE

## LOGIC AND COMPUTING. THE UNDERLYING BASIS OF DIGITAL ARCHAEOLOGY

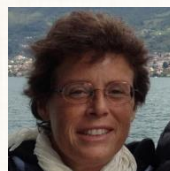
### → ABSTRACT

The history of archaeological computing has long been characterised by the distinction between the application of mathematical and statistical techniques, as part of the so-called movement of 'quantitative archaeology', and the use of databases and information systems for descriptive and documentary purposes. Today, data integration and the development of advanced technological tools allow archaeologists to process and investigate disparate data sources, addressing simultaneously all the issues raised by archaeological research strategies and meeting the requirements of both the qualitative and quantitative approach.

This special session aims to strengthen the theoretical and methodological discussion that set its roots in the 1960s and that today can contribute to benchmark ICT developments in the following research areas:

- Quantitative methods and statistical techniques
- Databases and Archaeological Information Systems
- Documentation strategies
- Visualisation techniques
- Simulation and validation studies

### → ORGANIZED BY



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