



2020 IMEKO TC-4 INTERNATIONAL CONFERENCE ON

METROLOGY FOR ARCHAEOLOGY AND CULTURAL HERITAGE

TRENTO, ITALY | OCTOBER 22-24, 2020

CALL FOR PAPERS *for the Special Session on* HANDHELD AND MOBILE INSTRUMENTATION IN CULTURAL HERITAGE RESEARCH

ABSTRACT

In the last decade a fast growing increasing of handheld and mobile instrumentation was observed especially in the field of archaeometry research. The ever closer interaction between archaeologists and scientists gave rise to a lot of interesting results ranging from applications in analytical chemistry and physics, to geophysical methods including multivariate analysis. In general the goal of any archaeometric investigation is to give useful indications in solving questions on dating, provenance and originality of a findings, but often the objects or masterpieces to investigate cannot be moved, so become crucial to move the instrumentation in museums or archaeological sites in order to answer to archaeologists or conservators requests. The growing availability on the market of ever more performing and miniaturized instruments, partially overcome the problem of handling and non-invasiveness at same time.

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SPECIAL SESSION #3

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