

Special Issue

Electrical and Electromagnetic Sensors and Methods in Archaeology and Monumental Heritage

Message from the Guest Editors

Dear Colleague, This Special Issue is based on the Metrology for Archaeology 2019 International Conference (www.metroarcho.com), Special Session 6 (<http://www.metroarcho.com/special-session-6>). In recent years, electrical and electromagnetic (EM) methods have been increasingly applied in the field of archaeology and cultural heritage. Nowadays, both contact and non-contact non-invasive techniques are used at different scales in archaeology, cultural landscape analysis, and measurement of ancient buildings or artwork. The topics covered in this Special Issue include

- The application and integration of non-invasive EM methods (e.g., GPR, HSR, IR thermography, etc.) in NDT (nondestructive testing) for the in situ analysis of ancient buildings;
- Uses and perspectives of non-invasive EM methods (e.g., multispectral imaging, XRF) for the in situ analysis of cultural heritage artworks (e.g., wall paintings, paintings, manuscripts, mosaics, ceramics).

Guest Editors

Dr. Giovanni Leucci

Dr. Raffaele Martorana

Dr. Rita Deiana

Deadline for manuscript submissions

closed (31 May 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/30658

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)