



Electromagnetic Non-destructive Testing and Evaluation

Guest Editor:

Dr. Yong Li

State Key Laboratory for Strength and Vibration of Mechanical Structures, Shaanxi Engineering Research Centre of NDT and Structural Integrity Evaluation, School of Aerospace Engineering, Xi'an Jiaotong University, Xi'an 710049, China

Deadline for manuscript submissions:

20 January 2025

Message from the Guest Editor

Dear Colleagues,

We invite researchers to contribute overviews and original articles focusing on electromagnetic non-destructive testing and the evaluation of critical components and structures in the engineering fields, including aerospace, energy, chemical and transportation, etc. Potential topics include but are not limited to the following:

- Electromagnetic non-destructive testing and evaluation;
- Eddy current testing;
- Eddy current thermography;
- Electromagnetic acoustic transduction;
- Microwave and millimeter wave testing;
- Magnetism-based testing (Barkhausen noise analysis, Magnetic incremental permeability, Magnetic memory testing, etc.);
- Electromagnetic field sensing;
- Forward and inverse modelling of electromagnetic non-destructive testing;
- Defect imaging, assessment and reconstruction;
- Defect characterisation and identification;
- Material characterisation and classification.

We look forward to and welcome your participation in this Special Issue.





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Prof. Dr. Vittorio M. N. Passaro

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

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
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