

## Special Issue

# Non-destructive Testing (NDT) Methods in Railway Engineering

### Message from the Guest Editors

Non-destructive evaluation (NDE) is a technique used to examine, evaluate, and test any type of object without interfering with its structural integrity in order to determine the absence or presence of defects and discontinuities. The scope of this Special Issue is to provide an overview of the state of the art of applications and developments in the field of NDT, either practical or simulation in nature, specifically applied to railway engineering. Research papers may cover the rail carbody, rolling stock, or infrastructure NDT applications during the entire lifecycle, from manufacturing to in-service or maintenance. Topics include, but are not limited to:

- Development of new or existing NDT techniques suitable for rail applications;
- NDT techniques typically applied to other transport industries that may find applications in the rail industry;
- NDT for new materials suitable for rail applications;
- Integration of NDT methods;
- Ultrasonic testing;
- Infrared thermography (active or passive applications);
- Acoustic emission

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### Guest Editors

Dr. Vassilios Kappatos

Hellenic Institute of Transport (HIT), Center for Research and Technology Hellas (CERTH), 57001 Thessaloniki, Greece

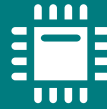
Dr. Alkiviadis Tromaras

Centre for Research and Technology Hellas (CERTH), Hellenic Institute of Transport (HIT), 6th Km Charilaou-Thessaloniki, 57001 Thessaloniki, Greece

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### Deadline for manuscript submissions

closed (31 July 2023)



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MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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