

## 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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### Deadline for manuscript submissions

closed (31 July 2023)



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## 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.

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