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Advanced Sensing and Evaluating Technology in Nondestructive Testing

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Message from the Guest Editors

Dear Colleagues,

Nondestructive testing (NDT) technology has been widely used in oil and gas storage and transportation, railway transportation, bridge construction, industrial manufacturing, electric power systems and many other fields, providing necessary testing means and guiding bases for safe operation and maintenance of the key equipment. Advanced NDT results depend on high performance sensing technology and efficient data analysis and evaluation methods. This Special Issue aims to present and disseminate the most recent advanced sensing and evaluating technology based on all types of nondestructive testing methods. Topics of interest include, but are not limited to:

- Sensors and detection equipment
- Applications of nondestructive testing
- Industrial control methods and intelligent robots
- Signal processing
- Defect classification, quantification and imaging
- Artificial intelligence applications in NDT
- Fault diagnosis and failure analysis
- Sensor applications in industrial Internet solutions

Deadline for manuscript
submissions:

closed (31 December 2023)

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Special Issue



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Message from the Editor-in-Chief

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