

## Special Issue

# Automated Detection and NDT Diagnostics

### Message from the Guest Editors

This Special Issue focuses on fostering improvements and new technological developments related to novel NDT diagnostics and automated detection approaches in systems and structures in a variety of applications and sectors (i.e., aerospace, energy, infrastructures, transport, etc.). We invite original research and review articles that contain theoretical, analytical, and experimental investigations covering all aspects of automated detection and NDT diagnostics. Potential topics include, but are not limited to, the following:

- NDT diagnostics and automated detection approaches for the detection, monitoring, and evaluation of systems and/or structures.
- Continuous NDT&E diagnostics and real-time results for improving measurement accuracy and/or inspection technologies.
- Integration of multiple NDT diagnostic techniques for improving the interpretation of results.
- Modeling, simulation, and technological developments concerning NDT diagnostics and automated detection.
- Signal/image processing and data fusion for NDT diagnostics and automated detection.
- Interdisciplinary approaches and applications for NDT diagnostics and automated detection.

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### Guest Editors

Prof. Dr. Nico P. Avdelidis

1. Department of Aeronautics and Astronautics, School of Engineering, University of Southampton, Southampton SO16 7QF, UK
2. Computer Vision and Systems Laboratory (CVSL), Department of Electrical and Computer Engineering, Laval University, Quebec City, QC G1V 0A6, Canada

Marc Genest

Aerospace Research Centre, National Research Council Canada, Ottawa, ON K1A 0R6, Canada

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### Deadline for manuscript submissions

20 November 2026



## Applied Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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