

# Special Issue

## Feature Review Papers in Fault Diagnosis & Sensors

### Message from the Guest Editors

This Special Issue is a dedicated collection of comprehensive review papers that aims to bring together the latest advancements and insights in fault diagnosis for condition monitoring, structural health monitoring, non-destructive testing and sensor technologies. Potential topics include, but not limited to, the following:

- Fault detection and diagnosis;
- Fault/failure prognosis;
- Structural health monitoring;
- Non-destructive testing (NDT);
- Condition monitoring;
- Digital twins for fault diagnosis;
- Artificial intelligence for fault diagnosis.

To be a significant resource for the scientific community, this Special Issue provides a platform for the dissemination of the current state of the art and novel perspectives in the field. We look forward to receiving your contributions and making this a successful and impactful Special Issue.

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### Guest Editors

Prof. Dr. Len Gelman  
Prof. Dr. Gilbert-Rainer Gillich  
Prof. Dr. Shuncong Zhong

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### Deadline for manuscript submissions

31 August 2026



## Sensors

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

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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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### 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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