

## Special Issue

# Machine Learning in Industry 4.0: From Predictive Maintenance to Design Support Systems

### Message from the Guest Editors

This Special Issue aims to cover all aspects related to machine learning and deep learning applications in Industry 4.0, including predictive maintenance and decision support systems. All contributions related to the application and the design of data-driven methodologies related to the identification, analysis, modeling, prediction, optimization, and diagnosis of the industrial processes are particularly welcome. Our main goal is to promote the synergy between industry and academia by encouraging contributions related to a real industrial case studies. We welcome submissions from all topics of machine learning and deep learning to any Industrial scenarios.

### Guest Editors

Dr. Luca Romeo

Dr. Marina Paolanti

Prof. Dr. Emanuele Frontoni

Dr. Tapio A. Heikkilä

### Deadline for manuscript submissions

closed (30 November 2021)



## Informatics

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

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### Message from the Editor-in-Chief

*Informatics* (ISSN 2227-9709) is an international, peer-reviewed, open access journal, which publishes original theoretical and empirical work on the science of informatics and its application in multiple fields. Our concept of Informatics includes technologies of information and communication as well as the biological, social, linguistic and cultural changes that initiate, accompany and complicate their development. *Informatics* publishes regular research articles, reviews and short notes. There is no restriction on the length of papers, and we encourage researchers to publish their theoretical and empirical results in as much detail as possible. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Antony Bryant  
School of Built Environment, Engineering, and Computing, Leeds  
Beckett University, Leeds LS6 3QS, UK

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