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Digital Technologies for Maintenance and Safety Management

Guest Editors:

Prof. Dr. Roberto Revetria

Department of Mechanical,
Energy, Management and
Transport Engineering, University
of Genoa, 16145 Genoa, Italy

roberto.revetria@unige.it

Dr. Melissa Demartini

Department of Technology and
Innovation, University of
Southern Denmark, Campusvej
55, DK-5230 Odense M, Denmark

melissa.demartini@dime.unige.it

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Message from the Guest Editors

Dear Colleagues,

In recent years, thanks to the spread of innovative technologies from the fourth industrial revolution (the so-called “Industry 4.0”), the topic of maintenance and safety management in industrial contexts has advanced. This is confirmed by the growing number of conferences, journal publications, special issues, and websites dedicated to the topic.

Among the enabling technologies available in Industry 4.0, augmented and virtual reality, the Internet of Things, and the use of big data have been identified as the most promising ones. Augmented and virtual reality have had several applications in the last decade, showing good potential in solving industrial issues.

The objectives of this Special Issue are to provide a snapshot of the status, potential, challenges, and recent developments of digital manufacturing in maintenance and safety management and to open a discussion for new ideas.



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Special Issue