



Digital Twins, Sensing Technologies and Automation in Industry 4.0

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Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editors

This Special Issue aims to provide a comprehensive overview of the current practices of digital twin, digital transformation, sensing technologies, Internet of Things, engineering, and automation. In addition, the SI will include papers suggesting the future agenda based on an intensive literature review. This SI aims to collect all the practices that may help practitioners to improve their productivity, safety, or quality.

Potential topics include but are not limited to the application of digital and sensing technologies, robotics, and automation to address the following objectives:

- Automation in construction, mining, manufacturing, and smart cities;
- Sensors and Internet of Things;
- Improving Smart Cities and intelligence infrastructure;
- Facilitating the implementation of Sustainable Development Goals;
- Improving quality by detecting damages, cracks, and defects;
- Automating the modular and off-site construction;
- Implementing Industry 4.0 in different sectors;
- Improving the resilience of supply chain management;
- Improving safety and manage risks and hazards;
- Monitoring disaster management.





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Message from the Editor-in-Chief

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