



Sustainable, Resilient and Smart Manufacturing Systems

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Message from the Guest Editor

Dear Colleagues,

Modern manufacturing systems are continuously facing many challenges that require innovative solutions in order to make them smart, resilient, and sustainable. It is important to identify best practices in order to achieve and spread those new solutions in design and operations. This Special Issue will be focused on smart interventions, resilient strategies, and sustainable proposals for future companies with advanced manufacturing systems.

Original research, technical surveys, and reviews dealing with (but not limited to) the themes listed hereunder are highly encouraged for submission:

- Modeling for resilient manufacturing systems and supply chains;
- Cyber-physical system (CPS) and infrastructure;
- Automation, robotization, digital transformation, machine learning;
- Cyber security for smart manufacturing systems;
- Man-machine interface and human factors;
- Life cycle engineering and resource optimization;
- Energy and materials for sustainable manufacturing processes;
- Advanced machine tools for monitoring, prediction and optimization;
- Performance indicators and computing.





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Message from the Editor-in-Chief

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