



Digital Transformation and Its Opportunities for Sustainable Manufacturing

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Message from the Guest Editors

This special issue aims to further explore the topics at the intersection of digital transformation and sustainable manufacturing. Both original research and review papers are welcome, from the various research disciplines, such as smart and sustainable manufacturing, life cycle engineering, eco-design, remanufacturing, circular economy and system of systems engineering. The following non-exhaustive list of topics can be addressed:

- Data science and AI methods towards mitigating the environmental impacts of manufacturing;
- Engineering and design of sustainable products, processes and/or supply chains;
- Industry 4.0, Industrial Internet-of-Things (IIoT), Digital Twins and/or Cyber-Physical Production Systems (CPPS);
- Sustainable cyber-physical product- and/or production-service-systems;
- Shop-floor and/or dynamic life cycle assessment (LCA);
- Sustainable operational and business model innovation;
- Digital tracking and monitoring systems for sustainability;
- Circular economy through management and digital tools;
- Sustainability metrics;
- Compliance with international standards.



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Message from the Editor-in-Chief

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