



Sustainable Manufacturing: Digital Transformation of Production Technologies and Energy Management

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Message from the Guest Editors

Manufacturing, as the most important pillar industry of the national economy, is an industry with a high energy consumption and high emissions. Sustainable manufacturing is an effective way to reduce energy consumption and realize the emission peak and carbon neutrality strategy. Digital transformation of production technologies and energy management is an emerging research hotspot in sustainable manufacturing, which can improve energy efficiency and reduce energy consumption of manufacturing industry.

This Special Issue intends to provide a forum for researchers around the world to present, discuss, and exchange their latest work on the topic of sustainable manufacturing: digital transformation of production technologies and energy management, and to envision developments in the future.

Research areas may include (but are not limited to) the following:

- Remanufacturing;
- Digital transformation of production technologies;
- Digital transformation of energy management;
- Big data and digital twins in sustainable manufacturing;
- Product lifecycle management;
- Energy efficiency evaluation.





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Message from the Editor-in-Chief

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