

Special Issue

Advances and Innovations in Manufacturing Technologies

Message from the Guest Editor

Manufacturing is rapidly evolving globally amid raising trade tensions, growing economic uncertainty, and increasing awareness of sustainability and the value of data. One of the key changes in manufacturing arises from Industry 4.0, which includes digitalisation and automation of processes, additive manufacturing, applications of machine learning and artificial intelligence in manufacturing, Industrial Internet of Things (IIoT), digital twin and cyber physical systems. Another key change in manufacturing comes from increasing environmental awareness and sustainability, which includes improving the energy and resource efficiency of manufacturing processes, reduction of plastics, and minimisation of wastes created in the development of new sustainable materials and processes, and life cycle assessment. Topics of interest include, but are not limited to:

- Advances and innovations in traditional manufacturing processes
- Additive manufacturing
- Automation and robotics
- Machine learning and artificial intelligence applications in manufacturing
- Sustainable or green manufacturing
- Energy efficiency and optimisation of manufacturing processes

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

Editor-in-Chief

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