

Special Issue

Advanced Manufacturing Processes and Technologies: Trends and Innovations

Message from the Guest Editors

This Special Issue aims to explore recent advancements and innovations in the field of manufacturing, focusing on cutting-edge technologies, novel processes, and their applications in various sectors. Topics of interest include automation, additive manufacturing, smart factories, sustainable manufacturing, and the integration of artificial intelligence (AI) and the Internet of Things (IoT) in production systems. This Special Issue seeks to present research that addresses both the technological advancements and the challenges faced by the industry, providing insights into future trends and innovations. We invite original research articles, reviews, and case studies related to the following topics: Additive manufacturing and 3D printing technologies; Automation and robotics in manufacturing; Smart and digital factories; Sustainable and green manufacturing practices; AI and IoT integration in production systems; Advanced materials in manufacturing; Precision machining and micro-manufacturing; Industry 4.0 applications

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About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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