

Special Issue

Recent Advances in Additive Manufacturing and Its Postprocessing

Message from the Guest Editors

The aim of this Special Issue is to provide a forum for researchers and practitioners to review state-of-the-art additive manufacturing design and development, and the underlying engineering science and fundamentals, and to identify possible directions for future 3D printing and applications. Original contributions should discuss the innovative design, development, and application of 3D printing, and emphasis will be on the knowledge, innovation, and insights accumulated over the past two decades in particular, and also on opportunities and implications for the future. Possible topics within this scope include but are not limited to:

- Hybrid additive manufacturing;
- Process monitoring and control of additive manufacturing;
- Design of machines and systems for additive manufacturing;
- Additive manufacturing of metamaterials;
- Metal additive manufacturing and applications;
- New materials for additive manufacturing;
- New and innovative applications of additive manufacturing;
- Modeling and simulation of additive manufacturing;
- Surface finishing and form/dimensional accuracy in additive manufacturing;
- Postprocessing of additive manufactured parts and components.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2022)



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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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