

Special Issue

Advanced Manufacturing and Assembly Technologies for Aerospace Production Systems

Message from the Guest Editors

This is a call for papers for a Special Issue on "Advanced Manufacturing and Assembly Technologies for Aerospace Production Systems". This Special Issue will provide a venue for scholars and researchers to share their most recent theoretical and technical successes, as well as to highlight key topics and difficulties for future study in the field. The submitted papers are expected to raise original ideas and potential contributions to theory and practice. Considering the division according to professional technical fields, the following research topics are included, but are not limited to:

- Manufacturing and assembly technology of composite structures;
- Mechanical machining technology;
- Sheet metal forming and assembly technology;
- Special machining technology;
- Surface engineering;
- Welding technique;
- Mechanical joining technology;
- Assembly and equipment technology;
- Digital and intelligent manufacturing and assembly technology;
- Manufacturing measurement technology;
- Advanced manufacturing mode and management technology.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2025)



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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.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).