

# Special Issue

## Advances and Trends in Non-Conventional, Abrasive and Precision Machining 2024

### Message from the Guest Editors

This Special Issue will encourage researchers to present recent advances and technologies related to the aforementioned fields, indicating future trends regarding non-conventional precision machining processes.

- Laser processing/laser-assisted machining;
- High-density power machining;
- Electrodischarge machining;
- Electrochemical machining;
- Abrasive processes;
- Lapping/polishing/superfinishing;
- Ultrasonic machining;
- Water jet machining/abrasive water jet machining;
- Burnishing;
- Other nonconventional machining;
- Precision machining;
- Micro- and nanomachining;
- Machine tools;
- Modeling and simulation;
- Surface quality and integrity;
- Manufacturing systems;
- Nanomaterials.

### Guest Editors

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### Deadline for manuscript submissions

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.

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### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
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#### Rapid Publication:

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