

# Special Issue

## Dimensional Measurement, Analysis, and Control for Precision Manufacturing

### Message from the Guest Editor

This Special Issue is devoted to any kind of dimensional measurement involved in precision manufacturing including, but not limited to, surface topography, micro- and nanostructural features, coordinate measurement, scanning procedures, form deviation measurement, positioning, the application of sensors and gauges, calibration, uncertainty estimation, and measurement data processing. All papers presenting high-quality research results, theoretical investigations, simulations, comparative analyses, and innovative research on measurement devices, especially the ones emphasizing automation and control of measurement procedures and data processing, are welcome.

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### Guest Editor

Prof. Dr. Miroslaw Rucki

Institute of Mechanical Science, Vilnius Gediminas Technical University,  
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### Deadline for manuscript submissions

31 May 2026



# Machines

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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  
CISE–Electromechatronic Systems Research Centre, University of Beira Interior, Calçada Fonte do Lameiro, P-6201-001 Covilhã, Portugal

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#### Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q1 (Control and Optimization)

#### Rapid Publication:

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).