



Machine Tools, Advanced Manufacturing and Precision Manufacturing

Guest Editors:

**Dr. Abhilash Puthanveetil
Madathil**

Centre for Precision
Manufacturing (CPM), University
of Strathclyde, Glasgow, UK

Prof. Dr. Xichun Luo

Centre for Precision
Manufacturing, Department of
Design, Manufacturing and
Engineering Management,
University of Strathclyde,
Glasgow G1 1XJ, UK

Deadline for manuscript
submissions:

10 November 2024

Message from the Guest Editors

Dear Colleagues,

As modern industries continue to evolve, the fields of machine tools, advanced manufacturing, and precision manufacturing have gained paramount importance in driving innovation, efficiency, and quality across various sectors. The manufacturing domain is encountering numerous unforeseen challenges due to stringent quality demands, miniaturization, the emergence of new materials, sustainability concerns, mass customization, and automation requirements. Addressing these challenges is now more relevant than ever. In this context, this Special Issue titled '**Machine Tools, Advanced Manufacturing and Precision Manufacturing**' aims to explore cutting-edge research, technological advancements, and interdisciplinary approaches that drive the manufacturing domain forward.

For more information on the Special Issue, please visit LINK

<https://www.mdpi.com/journal/applsci/>

[special_issues/P7NC7924OX](https://www.mdpi.com/journal/applsci/special_issues/P7NC7924OX)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)