

## Special Issue

# Machine Tools, Advanced Manufacturing and Precision Manufacturing

### Message from the Guest Editors

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)

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### Deadline for manuscript submissions

closed (10 August 2025)



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### 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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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