

## Special Issue

# Recent Advances in Manufacturing and Machining Processes

### Message from the Guest Editors

A country's economical growth and prosperity depends on the manufacturing industry and the production of high value-added products. Manufacturing companies are currently faced with challenges, such as the production of high-quality products, the need to lower production costs, the mass customization of products, shortening product life cycles, the environmental sustainability of future products, and unstable supply chains due to the emergence of various crises in the world, from the COVID-19 pandemic to wars in different regions. To respond to these challenges, engineers, professionals, and scientists have implemented new and advanced solutions in industrial processes such as sustainable green technologies, smart manufacturing and sensorics, robots, artificial intelligence/machine learning technologies, additive manufacturing/3D printing, Industry 4.0/5.0 principles, new and advanced materials, etc. This Special Issue aims to collect the latest research on the above-mentioned areas and beyond.

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### Guest Editors

Dr. Ivan Peko

Faculty of Science, University of Split, 21000 Split, Croatia

Dr. Massimo Rogante

Rogante Engineering Office, 62012 Civitanova Marche, Italy

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### Deadline for manuscript submissions

closed (20 March 2026)



## Applied Sciences

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*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

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## About the Journal

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

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