

## Special Issue

# Advanced Machining and Sustainable Manufacturing of Metallic Alloy

### Message from the Guest Editors

In today's world, where technological development has accelerated more than ever, it is seen that the need for production efficiency has increased significantly. To try to meet the needs of today's people without compromising the ability of future generations to meet their own needs, an ecologically efficient production system has become more and more important every day. Therefore, the focus of science should be to produce high-quality, technological, and more products without harming the environment, i.e., to conduct studies for sustainable manufacturing. However, the machinability of some metallic alloys is still limited. Our focus should be on advanced production methods or optimization of production parameters. This Special Issue aims to present a comprehensive compilation of information on new generation production strategies that prioritize sustainability in the context of machinability, production, welding, surface properties, tool life and energy efficiency of metal alloys both in the academic community and in industry. We are pleased to invite you to contribute to this Special Issue of Crystals with your original research articles and review papers.

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### Guest Editors

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### Deadline for manuscript submissions

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## Crystals

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## About the Journal

### Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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### Editor-in-Chief

Prof. Dr. Alessandra Toncelli

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