

## Special Issue

# Metallic Crystals: Nucleation, Growth and Microstructural Characterisation

### Message from the Guest Editor

The study of metallic crystals is crucial for advancing our understanding of material properties and developing new alloys and compounds with enhanced performance characteristics. *Crystals* is pleased to announce a forthcoming Special Issue, “Metallic Crystals: Nucleation, Growth, and Microstructural Characterisation”, which covers nucleation, crystal growth during solidification, and microstructural evolution. Also included in this Special Issue is the microstructural characterization of alloys and compounds. High-quality research articles and reviews covering all aspects of metallic crystals are welcome.

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### Guest Editor

Prof. Dr. Shouxun Ji

Brunel Centre for Advanced Solidification Technology (BCAST), Brunel University London, Uxbridge, Middlesex UB8 3PH, UK

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### Deadline for manuscript submissions

closed (31 March 2025)



## 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  
Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

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