

# Special Issue

## Crystal Plasticity (4th Edition)

### Message from the Guest Editors

Following the resounding success of the first three volumes of this Special Issue, we are delighted to announce a call for papers for submission to “Crystal Plasticity (4th Edition)”. With the ongoing progress in the understanding, development, and application of crystalline materials, the importance and utility of robust mathematical and computational modeling tools continues to grow. We wish to invite manuscripts pertaining to any of the several facets of crystal plasticity, with the goal of gaining valuable insights on any of the linkages in the composition–process–structure–property–performance paradigm. This invitation spans crystal plasticity work within a broad range of contexts, including but not limited to:

- Manufacturing & Processing
- Modeling methodologies and computational techniques
- Material systems that exhibit crystallinity
- Understanding and capturing material mechanisms
- Operating environments
- Multiphysics

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### Guest Editors

Dr. Shiraz Mujahid  
Dr. Yub Raj Paudel  
Dr. Hongjoo Rhee

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### Deadline for manuscript submissions

15 June 2026



## 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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#### Journal Rank:

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