Special Issue

Recrystallization of Metallic Materials

Message from the Guest Editors

Recognizing the multitude of highly relevant research topics that are linked to RX, the present Special Issue of *Crystals* welcomes, but is not limited to, studies on:

- Thermo-mechanical materials processing during which RX is active
- The exploitation of RX in materials design
- Observation and characterization of the processing-microstructure-property links and their dependence on RX
- Nucleation mechanisms in RX
- Influence of grain boundary structure on RX
- Grain boundary properties and their relation to RX
- Texture influence and evolution in RX
- Numerical models of RX
- Multiscale approaches in modelling and simulation of RX

The adopted methods can be based either on experimental characterization and observation or on numerical modelling. In particular, submissions that combine experimental observations with numerical simulation models are encouraged. In addition, studies that aim to develop suitable experimental methods or to establish new numerical methods for describing and observing RX are welcome.

Guest Editors

Prof. Matti Ristinmaa

Division of Solid Mechanics, Lund University, P.O. Box 118, SE-221 00 Lund, Sweden

Dr. Håkan Hallberg

Division of Solid Mechanics, Lund University, P.O. Box 118, SE-221 00 Lund, Sweden

Deadline for manuscript submissions

closed (1 January 2019)

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/si/13344

Crystals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
crystals@mdpi.com

mdpi.com/journal/crystals

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/journal/crystals

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.

Editor-in-Chief

Prof. Dr. Alessandra Toncelli
Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Crystallography) / CiteScore - Q2 (Condensed Matter Physics)