

## Special Issue

# Recent Progress in Industrial Crystallization

### Message from the Guest Editors

The overall theme of this Special Issue is how theoretical concepts are adapted in industrial crystallization, and how practical understanding in the field is enhanced through applied research, such as crystallization fundamentals, analytical tools for process analysis and monitoring, crystallization process and product design. These topics are also the focus of the 21st International Symposium on Industrial Crystallization (ISIC 21) held from 31 August to 2 September 2021 ([https://dechema.de/en/ISIC\\_2021](https://dechema.de/en/ISIC_2021)).

This Special Issue is dedicated to Professor Gerda van Rosmalen (27 May 1936–18 January 2021), who was a pioneer in this field. She developed the field of industrial crystallization research through her original courses developed over many decades and given to industrial partners and postgraduate students. Professor van Rosmalen spent 20 years as the Professor of Industrial Crystallization and Clean Technology at the Laboratory for Process Equipment at TU Delft in the Netherlands, and her distinguished positions include being a Board Member of the Working Party on the Industrial Crystallization of the European Federation of Chemical Engineers.

---

### Guest Editors

Prof. Dr. Heike Lorenz

Max Planck Institute for Dynamics of Complex Technical Systems,  
39106 Magdeburg, Germany

Prof. Dr. Alison Emslie Lewis

Department of Chemical Engineering, University of Cape Town, Private  
Bag X3, Rondebosch 7701, South Africa

Dr. Erik Temmel

Sulzer Chemtech Ltd., Basel, Switzerland

---

### Deadline for manuscript submissions

closed (30 June 2022)



## Crystals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 5.0



[mdpi.com/si/75729](https://mdpi.com/si/75729)

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

[mdpi.com/journal/  
crystals](https://mdpi.com/journal/crystals)





# Crystals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 5.0



[mdpi.com/journal/  
crystals](https://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, CAPus / SciFinder, and other databases.

#### Journal Rank:

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