

## Special Issue

# Powder Flow: Advancing Characterisation, Modelling, and Industrial Control

### Message from the Guest Editors

This Special Issue, entitled “Powder Flow: Advancing Characterisation, Modelling, and Industrial Control,” aims to showcase cutting-edge research that bridges fundamental understanding and practical implementation. We invite original research articles and reviews that address experimental, theoretical, and applied aspects of powder flow, with particular emphasis on approaches that link material characterisation to process performance and control. Topics of interest include, but are not limited to, the following:

- Advanced techniques for powder flow measurement and characterisation.
- Influence of external factors affecting powder flowability.
- Linking particle properties to bulk flow and process behaviour.
- Modelling and simulation of powder flow (e.g., DEM and continuum approaches).
- Powder flow in pharmaceutical, battery, and additive manufacturing processes.
- Scale-up, variability, and robustness in powder handling operations.
- Process monitoring, control, and digital tools for powder processing.
- Industrial case studies and best-practice methodologies.

---

### Guest Editors

Dr. Vivek Garg

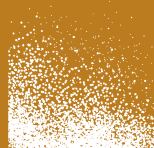
Dr. Tong Deng

Prof. Dr. Michael Bradley

---

### Deadline for manuscript submissions

30 November 2026



## Powders

---

an Open Access Journal  
by MDPI

---

Indexed in Scopus

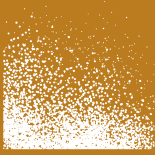


[mdpi.com/si/269758](https://mdpi.com/si/269758)

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

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





# Powders

an Open Access Journal  
by MDPI

Indexed in Scopus



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



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Paul F. Luckham

Department of Chemical Engineering, Imperial College London, Prince  
Consort Road, London SW7 2AZ, UK

---

#### Author Benefits

##### Open Access:

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

##### High Visibility:

indexed within Scopus and other databases.

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 29 days after  
submission; acceptance to publication is undertaken in  
13.8 days (median values for papers published in this  
journal in the second half of 2025).