

## Special Issue

# Computational Modeling of Multiphase Flow (II)

### Message from the Guest Editors

This Special Issue, entitled “Computational Modelling of Multiphase Flow”, seeks high-quality works focusing on multiphase process modelling and applications in the mineral and metallurgical industries using advanced computational modelling techniques, such as Computational Fluid Dynamics (CFD), Discrete Particle Simulation (DPM), Direct Numerical Simulation (DNS), the Discrete Element Method (DEM), the Lattice Boltzmann Method (LBM), CFD–DEM, and Graphical Processing Unit (GPU)-based DEM. The scope of this Special Issue includes, but is not limited to:

- Particle–particle, particle–liquid, and gas–liquid–particle interactions/flows;
- Particle-scale modelling of particle–fluid flow coupled with heat and mass transfer;
- Rheological properties of particles and techniques for process simulation;
- Metallurgical processes;
- Combustion, pyrolysis, and gasification of biomass;
- Micro- and macro-dynamic analysis and nanotechnology;
- Particle flow, dispersion, and segregation;
- Applications of particle technology;
- Flows in porous media, granular flows, and other flows.

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### Guest Editors

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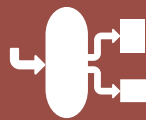
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### Deadline for manuscript submissions

closed (20 February 2023)



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### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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