

Special Issue

Complex Fluid Dynamics Modeling and Simulation

Message from the Guest Editor

We genially invite your contribution to this Special Issue, which will feature the latest developments in the CFD modeling and simulation of complex fluids in environmental engineering, mechanical engineering, chemical and biological engineering, materials processing, advanced manufacturing, petroleum engineering, food, pharmaceutical, and cosmetic processing, and other related areas. Contributions describing the application of CFD for complex fluids; the development of new models involving CFD; innovations in numerical methods/algorithms; and the integration of CFD modeling and simulation of complex fluids in the process design, control, and optimization are all welcome. Both original research and topical reviews will be considered (authors interested in contributing a review article are asked to discuss its topic scope with the as early as possible). Contributions that feature the methods or application of CFD for addressing the behavior of complex fluids are particularly welcome.

Guest Editor

Dr. Leila Pakzad

Department of Chemical Engineering, Lakehead University, Thunder Bay, ON P7B5E1, Canada

Deadline for manuscript submissions

closed (30 November 2023)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.1



mdpi.com/si/55244

Processes

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.1



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



About the Journal

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.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, 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), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Chemical) / CiteScore - Q2 (Chemical Engineering (miscellaneous))