

CFD Modeling of Complex Chemical Processes: Multiscale and Multiphysics Challenges

Guest Editors:

Dr. Li Xi

Department of Chemical Engineering and School of Computational Science and Engineering, McMaster University, Hamilton, ON L8S 4L7, Canada

xili@mcmaster.ca

Dr. De-Wei Yin

The Dow Chemical Company, Midland, Michigan, United States

dwyin@dow.com

Dr. Jae Sung Park

Department of Mechanical and Materials Engineering, University of Nebraska-Lincoln, Lincoln, NE, United States

jaesung.park@unl.edu

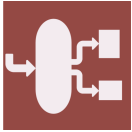
Message from the Guest Editors

We cordially invite your contribution to this Special Issue, which will feature the latest developments in the CFD modeling and simulation of complex industrial processes in chemical and biological engineering, materials processing, advanced manufacturing, petroleum engineering, food and pharmaceutical processing, and other related areas. Contributions describing the application of CFD in chemical processes (either as a standalone tool or in combination with experiments and/or theory), development of new models involving CFD, innovations in numerical methods/algorithms, and the integration of CFD 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 Guest Editors as early as possible). Contributions that feature the methods or application of CFD for addressing the process scale-up challenge are particularly welcome.

Deadline for manuscript submissions:

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Editor-in-Chief

Prof. Dr. Michael A. Henson

Department of Chemical Engineering and the Institute for Applied Life Sciences, University of Massachusetts Amherst, N527 Life Sciences Laboratories, 240 Thatcher Way, Amherst, MA 01003, USA

Message from the Editor-in-Chief

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Contact Us

Processes
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
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