



fluids

an Open Access Journal by MDPI



Particle-Based Simulation of Fluid Dynamics

Guest Editor:

Dr. Ahmad Jabbarzadeh

School of Aerospace, Mechanical
and Mechatronic Engineering,
The University of Sydney, Sydney,
NSW 2006, Australia

Deadline for manuscript
submissions:

closed (20 December 2020)

Message from the Guest Editor

Dear Colleagues,

The Special Issue covers new research in using particle-based methods such as molecular dynamics (MD), dissipative particle dynamics (DPD), lattice-Boltzmann (LB), smoothed particle hydrodynamics (SPH), and other relevant methods in the simulation of flow at micro/nano/macro scales.

In this Special Issue, we would like to bring together some of the latest progress in the field and provide a stepping stone for future progress in this field. Contributions in the form of original new research or reviews of the latest progress in the field are welcome.

Prof. Ahmad Jabbarzadeh
Guest Editor



mdpi.com/si/32634

Special Issue



fluids



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. D. Andrew S. Rees

Department of Mechanical
Engineering, University of Bath,
Bath BA2 7AY, UK

Message from the Editor-in-Chief

Fluids (ISSN 2311-5521) is an international journal on all aspects of fluids in open access format: research articles, reviews and other contents are released on the internet immediately after acceptance. You are invited to contribute a research article or a comprehensive review for consideration and publication in *Fluids*. The scientific community and the general public have unlimited free access to the content as soon as it is published. Please consider *Fluids* as an exceptional, exciting enterprise ready to reward your trust, attention, and active participation.

Author Benefits

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

High Visibility: indexed within Scopus, ESCI (Web of Science), Inspec, CAPus / SciFinder, and other databases.

Journal Rank: CiteScore - Q2 (*Mechanical Engineering*)

Contact Us

Fluids Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/fluids
fluids@mdpi.com
[X@FluidsMdpi](https://twitter.com/FluidsMdpi)