



fluids



an Open Access Journal by MDPI

Fluids with Complex Behaviors in Industry

Guest Editor:

Dr. Naccache Monica

Department of Mechanical
Engineering, Pontifícia
Universidade Católica-RJ, Rua
Marquês de São Vicente 225, Rio
de Janeiro 22453-900, Brazil

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

Complex fluids are present in a large number of industrial sectors, from the oil industry to the food, cosmetic and pharmaceutical industries. Viscoelasticity, thixotropy, shear thinning, and yield stress can be present in many fluids found in these industries. Gaining an accurate understanding of the rheology of these fluids is not a simple task; however, it must be addressed in order to obtain optimal products, and to design and optimize fabrication and packing processes. This Special Issue intends to gather contributions focusing on the characterization/rheology and flow of complex fluids employed in a variety of industrial sectors, with the means of presenting the most used and reliable techniques for characterization, and to discuss the complex rheological behavior of such fluids.

Dr. Naccache Monica
Guest Editor



mdpi.com/si/125918

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, Grosspeteranlage 5
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)