Special Issue

Advances in Computational Mechanics of Non-Newtonian Fluids

Message from the Guest Editors

Non-Newtonian (non-linear) fluids are common in Nature (mud, honey, avalanches, etc.), but also in many petroleum, geotechnical, chemical, biological, food, pharmaceutical, and personal care processing industries. This Special Issue of *Fluids* is dedicated to the recent advances in the mathematical, physical and computational aspects of non-linear fluids with industrial applications, especially those concerned with computational fluid dynamics (CFD) studies. These fluids include the traditional non-Newtonian fluid models, electro- or magneto-rheological fluids, granular materials, slurries, drilling fluids, polymers, blood and other biofluids, mixtures of fluids and particles, etc.

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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.

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