

## Special Issue

# ***Fluids* in Magnetic/Electric Fields, 2nd Edition**

### **Message from the Guest Editor**

Fluid motion is usually affected by externally imposed electric and magnetic fields, for example, liquid metals in fusion blankets, electrolytes in batteries, biological fluids under MRI medical exams, etc. This Special Issue of *Fluids* is dedicated to recent advances of experimental and numerical modeling of electrically conductive fluid flows under the action of electromagnetic forces. Emphasis will be given to Newtonian and non-Newtonian fluid flows, low temperature plasmas, laminar, transitional and turbulent fluid flow, electromagnetic instabilities, electro- or magneto-rheological models, granular materials and suspensions, nanofluids and magnetic nanoparticles, crystal growth and polymers, blood and other biofluids, mixtures of fluids and particles, etc.

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### **Guest Editor**

Prof. Dr. Ioannis Sarris

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### **Deadline for manuscript submissions**

closed (15 August 2024)



## Fluids

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## About the Journal

### 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.

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### Editor-in-Chief

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