



Fluids in Magnetic/Electric Fields

Guest Editor:

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Deadline for manuscript
submissions:

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Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Ioannis Sarris

Guest Editor





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Message from the Editor-in-Chief

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