Special Issue

Advances in Electrohydrodynamic Flow

Message from the Guest Editors

The electromechanical coupling between electric fields and fluids appears in different fields of applications, many of which are related to electrohydrodynamics phenomena where processes connected to electromagnetic waves' propagation time are completed rapidly compared to those of interest, and where electric effects prevail over magnetic ones. This Special Issue of *Fluids* is dedicated to recent advances in the experimental and numerical modeling of these electrohydrodynamic flows. Emphasis will be given to applications and fundamentals involving low-temperature plasmas, Newtonian and non-Newtonian liquid, microfluidic flows, boundary layer separation, instabilities, granular materials and suspensions, blood and other biofluids, mixtures of fluids and particles, etc.

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Deadline for manuscript submissions

closed (20 July 2024)

Fluids

an Open Access Journal by MDPI

Impact Factor 1.8
CiteScore 4.0

mdpi.com/si/193457

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