



Electrolytes, Charged Fluids and Plasmas

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Message from the Guest Editors

Dear Colleagues,

Ions in electrolytes, charged fluids and plasmas, their mutual interaction, and their interaction with surfaces and particles are of significant interest in chemistry, biology, and physics with a plethora of applications, such as (photo-)catalysis, molecular solar devices, cell biology, and stellar objects subject to gravitational forces.

This Special Issue aims to bring together scientists from interdisciplinary areas in material science with a collection of papers detailing the latest advancements in their respective fields, from low-to-high energy interacting charge systems to the creation of new synergies between these seemingly different subjects.

Possible topics entail ionized fluids, electrolytes including porous ceramics, plasmas and other charged fluids and gases. Special attention will be given to charge interaction, including the efficient description of quantum effects at the atomic level between multiple charges and charge systems.

