

Special Issue

Experiments in a Floating Water Bridge and Electrified Water

Message from the Guest Editors

This Special Issue will provide a broad platform for regular and review papers on the numerous up-to-date and multidisciplinary advances that are currently being achieved in the continuously growing area of liquid bridging and electrified liquids. Topics of interests include, but are not limited to:

- Physico-chemical studies of electrohydrodynamic phenomena in general;
- Molecular studies, spectroscopy, and simulation of liquids in strong electric fields;
- Chemical reactions in strong electric fields and gradients;
- Liquid mesoscale dynamics studies;
- Microbiological and biochemical studies in electrohydrodynamic environments;
- Neutron, X-ray, Raman, and Brillouin scattering studies of electrified liquids;
- Microgravity studies of electrified liquids;
- Infrared studies of electrified water;
- NMR, MRI, and ESR studies of electrified liquids;
- (Laser-)optical investigations and visualizations of electrohydrodynamic bridging and related phenomena.

It is our hope that a multidisciplinary collection of contributions will significantly accelerate the progress in this field due to the collaborative fostering of synergistic insights.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2021)



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About the Journal

Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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