Special Issue

Characterization of Liquid Mixtures by Scattering Techniques and Spectroscopy

Message from the Guest Editors

Liquid mixtures, solutions, and multiphase systems in the liquid state (e.g., emulsions and suspensions) are omnipresent. They are the basis of our everyday life and determine the most relevant processes in natural and life sciences and in engineering. Detailed knowledge of these systems is the backbone of their application and of basic research. The upcoming Special Issue of Applied Sciences will focus on the recent developments in the application of optical and spectroscopic techniques for the characterization of multicomponent liquid mixtures. This includes macroscopically homogenous mixtures of liquids and solutions, as well as multiphase systems in the liquid state (emulsions, suspensions, liquid-liquid equilibria, and vapor-liquid equilibria). We would like to invite you to submit or recommend original research papers for the "Characterization of liquid mixtures by scattering techniques and spectroscopy" Special Issue.

Guest Editors

Prof. Dr. Johannes Kiefer

Technische Thermodynamik, Universität Bremen, Badgasteiner Str. 1, 28359 Bremen, Germany

Dr. Bernd Rathke

Technische Thermodynamik, University of Bremen, Bremen, Germany

Deadline for manuscript submissions

closed (31 May 2021)



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.3



mdpi.com/si/27313

Applied Sciences MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 applsci@mdpi.com

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.3



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

