



liquids

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Modeling of Liquids Behavior: Experiments, Theory and Simulations

Guest Editors:

Prof. Dr. William E. Acree, Jr.

Department of Chemistry,
University of North Texas,
Denton, TX 76203, USA

**Prof. Dr. Juan Ortega
Saavedra**

Division of Thermal Engineering
and Instrumentation, University
of Las Palmas de Gran Canaria,
35017-Las Palmas de Gran
Canaria, Canary Islands, Spain

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is focused on theoretical and applied research related to the behavior of both pure liquid and mixtures of organic and inorganic materials. Authors may consider a wide range of pure fluids and solutions with: polar and non-polar substances, polymers, surfactants, ionic liquids and complex and biological molecules. In general, papers describing novel instrumentation, new experimental methods and techniques, original experimental data on thermophysical properties, phase equilibria, modeling and correlation are welcome. Particular attention will be given to research on molecular thermodynamics providing quantitative estimates of liquid systems' properties, as required for this process. Likewise, papers on models applied to processes such as conventional and supercritical extraction, fractionation, purification, etc., will also be considered.

This Special Issue will act as an international forum for researchers, summarizing the most recent developments and ideas in the field, with a special emphasis on the latest technical and theoretical results.

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Special Issue