

Special Issue

Selected papers of the "1st International Conference on Nanofluids (ICNf)"

Message from the Guest Editors

The 1st International Conference on Nanofluids (ICNf) coupled with the 2nd European Symposium on Nanofluids (ESNf) is organized under the auspices of the European Cooperation in Science and Technology (COST) Action—NANOUP TAKE. This conference provides platforms for global collaboration and the exchange of knowledge between researchers and engineers working on nanofluids and related areas as well as applications in energy enhancement and systems, and it will give an overview of the current research findings, developments and achievements in these fields. Topics include, but are not limited to:

- Nanofluid materials (nanoparticles, nanoPCM, nanofluids, nanosalts, ionanofluids, etc.)
- Nanofluid preparation and characterization methods
- Nanofluid properties (thermophysical, optical, and magnetic properties)
- Heating, cooling, and refrigeration
- Phase change-based heat transfer
- Storage of thermal energy
- Solar energy applications
- Numerical simulations on the microscopic and macroscopic levels
- Industrial applications
- Health, safety, and environmental issues

Guest Editors

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Dr. Matthias H. Buschmann

Deadline for manuscript submissions

closed (30 November 2019)



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About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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