# Special Issue

# Advanced Computational Fluid Dynamics (CFD) and Heat Transfer Studies on Cryogenic Flow and Its Systems

## Message from the Guest Editors

The present Special Issue of Energies aims to gather innovative research and the latest developments in cryogenic computational fluid dynamics (CFD) and heat transfer. More specifically, topics of interest for the Special Issue include (but are not limited to):

- Numerical methods and simulations of two-phase flow and phase change heat transfer in cryogenic fluids.
- Cryogenic fluid storage, transport, measurement technologies for aeronautical, astronautical, and ground vehicles. Advanced green propulsion, ground transportation, energy system conceptual design based on cryogenic fluid dynamics.
- Thermal management, fluid-thermal-structure coupling analysis for advanced electro-mechanical actuation systems.

## Guest Editors

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## Deadline for manuscript submissions

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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.

## Editor-in-Chief

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