

Special Issue

Applied Mathematics and Numerical Methods of Fluid Mechanics and Turbulence Modeling

Message from the Guest Editor

The objective of this Special Issue in *Energies* is to bring researchers working on advanced, cutting-edge methods for the simulation of turbulent flows using different turbulence modelling techniques, as well as on the application of such methods to complex engineering systems, together. The scope includes (but is not limited to):

- Direct numerical simulation;
- LES fundamentals;
- Conservative discretizations for CFD problems;
- Hybrid RANS-LES methods;
- Wall-modelling techniques;
- Heat and mass transfer problems;
- Multiphase flows;
- Combustion;
- Environmental and geophysical applications;
- Industrial applications

Guest Editor

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Deadline for manuscript submissions

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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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