Special Issue

Turbulent Flow Simulations: Laboratory and Numerical Modelling of Turbulent Flows

Message from the Guest Editors

We invite submissions to Special Issue of “Turbulent Flow Simulations”. Turbulence is still an unsolved issue with enormous implications on energy consumption reductions and efficient use of energy. This is true in several fields, from the turbulent wakes on moving objects to the accumulation of heat in the built environment or the optimization of the performances of heat exchangers or mixers. This Special Issue will deal with novel techniques for turbulent flow simulations and with simulations of topics of interest for the Energies community. Topics of interest for publication include but are not limited to:

- Experimental and numerical simulations of turbulent flows in the environmental, civil, and industrial fields;
- Laboratory simulations and measurement techniques;
- Numerical simulation techniques for turbulent flows;
- Urban microclimate design;
- Turbulent flow control;
- Drag and wake reduction;
- Optimization of mixers and/or heat exchangers;
- Jets and plumes.

Dr. Annalisa di Bernardino

Guest Editors

Prof. Dr. Simone Ferrari
Department of Civil-Environmental Engineering and Architecture (DICAAR), University of Cagliari, 09123 Cagliari, Italy

Dr. Annalisa Di Bernardino
Department of Physics, Sapienza University of Rome, Piazzale Aldo Moro 5, 00185 Rome, Italy

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closed (15 December 2021)

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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