Special Issue

Engineering Fluid Dynamics 2018

Message from the Guest Editor

Over the last few decades, the use of computational fluid dynamics (CFD) and experimental fluid dynamics (EFD) methods have penetrated into all fields of engineering. CFD is now becoming a routine analysis tool for design in some fields (e.g., aerodynamics of vehicles), and its implementation in other fields (e.g., chemical and marine application) is being quickly adopted. Additionally, in the last decade, open source software has had a tremendous impact in the use of CFD. Laser-based methods have also made significant improvements in methods to obtain data for the validation of the CFD codes. The present Special Issue invites contributions on the topic of engineering fluid dynamics, both experimental as well as computational studies. Of special interest are submissions from the fields of mechanical, chemical, marine, safety, and energy engineering. We welcome both original research articles as well as review articles.

Guest Editor

Prof. Dr. Bjørn H. Hjertager

Department of Mechanical and Structural Engineering and Materials Science, Faculty of Science and Technology, University of Stavanger, N-4036 Stavanger, Norway

Deadline for manuscript submissions

closed (30 November 2018)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/11088

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

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

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

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)