



energies



an Open Access Journal by MDPI

Latest Theoretical, Technological, and Experimental Advances in Fusion Devices

Guest Editor:

Dr. Vincenzo Paolo Loschiavo

Department of Engineering,
University of Sannio, 82100
Benevento, Italy

Deadline for manuscript
submissions:

closed (31 August 2022)

Message from the Guest Editor

Nuclear fusion represents one of the most promising answers to worldwide energy issues: it is CO₂-free, practically inexhaustible, safe, and only produces short-living radioactive waste. It is the energy powering the Sun and stars. The engineering and design of present and future devices still has to face several technical challenges, often involving tightly coupled multiphysics problems. Candidate solutions for them are under development, but the next stage is to demonstrate that they will also work at the scale of a reactor.

The aim of this Special Issue, titled “Latest Theoretical, Technological, and Experimental Advances in Fusion Devices”, of the International Open Access journal *Energies*, which is an SSCI and SCIE journal (2019 IF= 2.702), is to present innovative theoretical and technological solutions together with experimental results contributing to advance the development of fusion facilities.

Papers selected for this Special Issue are subject to a rigorous peer review procedure with the aim of fast and wide dissemination of research results, developments, and applications.



mdpi.com/si/77950

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

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 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://x.com/energies_mdpi)