Special Issue

Advancements in Energy-Efficient Propulsion Systems for Aerospace Applications

Message from the Guest Editors

This Special Issue aims to provide an in-depth overview of the latest advancements and research in energy-efficient propulsion systems for aerospace applications. Topics of interest include innovations in rocket and jet engines, electric and hybrid propulsion, sustainable and green propulsion technologies, and advanced modelling and experimental techniques for the characterization of propulsion systems. Original research articles, review papers, and case studies that explore theoretical, experimental, and applied aspects of energy-efficient aerospace propulsion are welcome. Authors are encouraged to submit manuscripts that address these themes, contributing to the collective understanding and progression of energy-efficient propulsion technologies in the field of aerospace. This Special Issue intends to showcase cutting-edge developments, encourage interdisciplinary collaboration, and promote sustainable solutions within the aerospace industry, focusing on reducing the environmental impact as well as enhancing the efficiency and effectiveness of propulsion systems.

Guest Editors

Dr. Maria Grazia De Giorgi

Dr. Guido Marseglia

Dr. Elisa Pescini

Deadline for manuscript submissions

closed (20 November 2024)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/206914

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)