Special Issue

Progress in Turbomachinery Technology for Propulsion

Message from the Guest Editors

The Special Issue aims to collect the latest research results related to analytical, computational, or experimental methods advancing turbomachinery technology for propulsion. Original research or review papers illustrating significant contributions to design or analysis techniques, fundamental physics, applications, and performance improvement in gas turbines are welcomed. Representative topics include, for instance, design methodologies for gas turbine components; coupled methods for propulsion system integration; numerical/experimental analyses of gas turbine engines at the system or component level; aeromechanical design and analysis of turbomachinery; novel numerical tools for multi-disciplinary simulation; design and testing of low noise propulsor; hybrid electric and boundary layer ingestion (BLI) propulsion systems; and open rotors, turboprop, or electric fan engines.

Guest Editors

Dr. Andrea Magrini

Department of Industrial Engineering, Università degli Studi di Padova, Via Venezia 1, 35131 Padova, Italy

Prof. Dr. Ernesto Benini

Department of Industrial Engineering, University of Padova, Via Venezia 1, 35131 Padova, Italy

Deadline for manuscript submissions

closed (10 November 2024)

Aerospace

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.0

mdpi.com/si/176425

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

mdpi.com/journal/aerospace

Aerospace

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.0

mdpi.com/journal/aerospace

MDPI

About the Journal

Message from the Editor-in-Chief

You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.
Aerospace adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

Editor-in-Chief

Prof. Dr. Konstantinos Kontis
School of Engineering, University of Glasgow, James Watt Building South, University Avenue, Glasgow G12 8QQ, UK

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), Inspec, Ei Compendex, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Aerospace) / CiteScore - Q2 (Aerospace Engineering)