Special Issue

Rotorcraft

Message from the Guest Editor

In recent years, rotary wing aircraft has dramatically changed due to the introduction of several types of rotorcraft, ranging from multicopter to compound helicopters and tiltrotors, enlarging the spectrum of operations. This has been made possible by the advancement of the various disciplines involved in the design of rotary wing aircraft. However, several issues still remain open, requiring theoretical and technological development. Moreover, many of the theories developed for rotorcraft have found another field of application, especially in the wind turbine sector. This Special Issue aims to present the most recent advancement related to rotorcraft, including but not limited to: Aerodynamics
Aeroelasticity
Autonomous flight
Electric rotorcraft
Flight dynamics and simulation
Flight control systems/navigation systems
Crashworthiness/ditching
Health and usage monitoring and predictive maintenance
Innovative rotorcraft design
Multicopters
Noise
Operations
Rotorcraft–pilot interactions
Sensors and avionics
Structures and materials
Transmissions
Vibrations

Guest Editor

Dr. Jacopo Serafini
Department of Engineering, Roma Tre University, Via della Vasca Navale, 79, 00144 Roma, Italy

Deadline for manuscript submissions

closed (31 October 2021)

Aerospace

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.0

mdpi.com/si/36914

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, Scotland, 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)