



Rotorcraft

Guest Editor:

Dr. Jacopo Serafini

Department of Engineering,
Roma Tre University, Via della
Vasca Navale, 79, 00144 Roma,
Italy

jacopo.serafini@uniroma3.it

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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





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Prof. Dr. Konstantinos Kontis

Mechan Chair of Engineering,
School of Engineering, University
of Glasgow, James Watt Building
South, University Avenue,
Glasgow G12 8QQ, Scotland, UK

Message from the Editor-in-Chief

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Rapid Publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2020).

Contact Us

Aerospace
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
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