



Rotorcraft

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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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Message from the Editor-in-Chief

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