

Special Issue

Advanced Aircraft Technology

Message from the Guest Editor

Since the successful flight of the airplane invented by the Wright Brothers in 1903, the development of aeronautic science and technology has greatly improved the flight performance of the airplane, making aircraft an indispensable and important tool in today's society. At present, requirements such as carbon reduction and affordability have brought new challenges to current and future aircraft design. Under the premise of ensuring flight safety, the attributes of aircraft such as environmental friendliness, economy, and survivability have received widespread attention. The Special Issue will focus on the perspective of aircraft design and welcomes papers addressing the following topics:

1. Multidisciplinary design optimization considering the coupling effect between aircraft disciplines
2. Green energy aircraft powered by clean energy such as hydrogen energy and solar energy
3. Distributed electric propulsion aircraft technology with the main goal of improving aerodynamic efficiency
4. New-concept aerodynamic configuration aircraft and its feasibility demonstration and analysis
5. Aircraft survivability enhancement technologies that reduce aircraft susceptibility and vulnerability

Guest Editor

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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.

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