

# Special Issue

## Recent Advances in Flight Testing

### Message from the Guest Editors

In the relentless pursuit of aerospace excellence, the significance of flight testing stands as a cornerstone in the edifice of aviation development. Flight testing, a critical phase in the development of aircraft, serves as the bridge between theoretical designs and real-world applications. It is here that the intricate balance of safety, efficiency, and innovation is meticulously examined. The flight test industry, constantly evolving with methodological and technological breakthroughs, demands a platform for scholarly discourse and dissemination of knowledge and experience. Therefore, we are pleased to announce this Special Issue dedicated to state-of-the-art solutions for aircraft flight testing. Key topics to be explored are challenges in testing and validating new aircraft and designs, flight test data and information exploitation and application, and the integration of cutting-edge technologies in flight test procedures. The Special Issue will highlight how these engineering and methodological advancements contribute to enhancing the reliability, safety, performance, and environmental sustainability of flight tests.

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### Guest Editors

Dr. Haichao Hong

Prof. Dr. Florian Holzapfel

Prof. Dr. Shiqiang Hu

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### Deadline for manuscript submissions

closed (30 June 2025)



## Aerospace

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## 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.

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### Editor-in-Chief

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