

## Special Issue

# Flight Mechanics and Aerodynamics Design

### Message from the Guest Editor

This Special Issue aims to present the latest advances in flight mechanics and aerodynamic design, addressing both fundamental theories and engineering applications. Topics include, but are not limited to, unsteady aerodynamics, boundary layer transition and control, aeroelasticity, stability and control, multidisciplinary optimization, and novel design methodologies for fixed-wing aircraft, rotorcraft, and eVTOL configurations. Original research articles and comprehensive reviews are welcome.

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### Guest Editor

Dr. Liang Wang

School of Aerospace Engineering, Tsinghua University, Beijing, China

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### Deadline for manuscript submissions

30 April 2026



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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