

# Special Issue

## Aerostructural Analysis, Design, and Optimization

### Message from the Guest Editors

The Special Issue aims to present recent advanced models and methods on aero-structure analysis, design, and optimization, in order to develop applications in drag minimization, weight minimization, and structural safety. The topics of interest for the Special Issue include, but are not limited to: - High-fidelity and/or multi-fidelity aerostructural analysis model; - Geometric parameterization in aerostructural analysis; - Aerostructural coupling analysis method; - Sensitivity analysis for aerostructural optimization; - Global and efficient optimization method for aerostructural design; - Machine learning in aerostructural optimization; - Aerostructural optimization under uncertainty; - Geometry, layout, and sizing optimization in aerostructural design; - Aerostructural optimization with composite structures; - Flow-induced vibration control of aircraft; - Fluid-structure interaction (FSI) analysis.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2023)



## Aerospace

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### Editor-in-Chief

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