

Special Issue

Aerodynamic Optimization of Flight Wing

Message from the Guest Editors

This Special Issue emphasizes practical breakthroughs in aerodynamic optimization methods, focusing on robust optimization techniques, efficient optimization strategies, and AI-driven optimization approaches. The diversification of aircraft configurations and the increasing complexity of flow fields continue to raise the difficulty of aerodynamic optimization design, posing major challenges for optimization algorithms—particularly in convergence efficiency—and for balancing accuracy and computational speed in computational fluid dynamics (CFD) modeling. To advance progress in this field, the Editors invite contributions that address these challenges in aerodynamic optimization of aerospace vehicles and propose new theories for robust and efficient optimization.

Guest Editors

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