

Special Issue

Aeroacoustics and Noise Mitigation

Message from the Guest Editor

This Special Issue is devoted to the topics relevant to aeroacoustics and flow-structure interaction (FSI), especially noise mitigation: 1) airframe and propulsion, regarding external and cabin noise generation and exposure; 2) propulsor installation, propeller-wing interaction, and propeller-propeller interaction; 3) noise absorption technologies; 4) air traffic management, airport operating procedures and land-use planning; 5) rural/urban air mobility; 6) policies and certifications for new air vehicles; 7) environmental and psychoacoustic problems; 8) theories, modeling, computational and experimental methods, multidisciplinary design optimization, and applied machine-learning techniques; 9) other areas such as hydroacoustics and application scenarios (e.g., ducts, HVAC and wind turbines) as long as methods share a common knowledge base with aeroacoustics and can potentially be used for aircraft.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2023)



Aerospace

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Impact Factor 2.2
CiteScore 4.0



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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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