



Aeroacoustics and Noise Mitigation

Guest Editor:

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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.





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Message from the Editor-in-Chief

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