



Airframe Noise and Airframe/Propulsion Integration

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Message from the Guest Editor

Dear Colleagues,

As the traditional areas of aeroacoustic research such as jet, fan, and turbomachinery noise have achieved remarkable success in reducing the aircraft propulsion noise signature, airframe noise and its control have become an important focus of studies. Among those, high-fidelity analysis and the control of acoustic radiation from high-lift devices and landing gear dominate the research efforts. There is also an increasing interest to explore and employ unconventional airframe-propulsion integration configurations for further aircraft noise reduction, achieved, e.g., through airframe shielding of engine noise radiation. This Special Issue serves to give a review and prospective for the state-of-the-art in analysis and control approaches related to airframe and propulsion/airframe integration acoustics. Your contributions toward this issue is greatly appreciated. If you have any questions regarding the Special Issue, please feel free to contact the Guest Editor.

Prof. Vladimir V. Golubev

Guest Editor





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Message from the Editor-in-Chief

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