

Call for Papers

Adaptive Aircraft Structures for Aeroacoustic Applications

AIAA SciTech 2022 3-7 January
San Diego, CA, Manchester Grand Hyatt

The AIAA Aeroacoustics and Adaptive Structures Technical Committees are pleased to solicit papers for presentation in a special joint session on **Adaptive Aircraft Structures for Aeroacoustic Applications**. Recent progress in adaptive structures has shown great promise for enabling advances in aeroacoustic applications. Examples include distributed geometric adaptation of airframe structures for sonic boom mitigation, reconfigurable structures for airframe noise reduction from high lift systems, and adaptive structures for reduction of propulsor noise. Content may include distributed structural morphing, active materials and actuation systems to enable structural morphing, or experimental and/or computational aeroacoustic studies that demonstrate the need for or benefits of structural adaptation.

Paper Submission Timeline

- Extended abstracts (>1,000 words) are due **01 June 2021**
- Select “**Special Sessions**” when submitting to Adaptive Structures
- Author notification of paper acceptance on **27 August 2021**
- Final manuscripts are due **2 December 2021**

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