

# 51<sup>st</sup> AIAA Dayton-Cincinnati Aerospace Sciences Symposium

## CALL FOR ABSTRACTS



**Priority Abstract Submission**  
16 January 2026

**Final Abstract Submission**  
06 February 2026

The Dayton-Cincinnati AIAA Section invites you to share your latest research and innovations at our 51<sup>st</sup> Dayton-Cincinnati Aerospace Sciences Symposium (DCASS). DCASS is an annual event offering a unique forum for technical interchange among members of the aerospace community. It includes parallel technical sessions in the morning and afternoon and a keynote address.

**Symposium Date:** Tuesday, 10 March 2026

**Location:** Sinclair Conference Center, 444 W Third St, Dayton, OH 45402

We are soliciting high-quality technical presentations in all general areas of aerospace science and technology. Submissions are particularly encouraged in, but not limited to, the following key areas:

- Applied Aerodynamics
- Fluid Dynamics
- Computational Fluid Dynamics
- Combustion and Fuels
- Heat Transfer
- Thermal Management
- Turbomachinery
- Propulsion
- Flight Dynamics and Controls
- Aircraft and UAS Design
- Aircraft and UAS Applications
- Materials and Structures
- Space Systems and Structures
- Orbital Mechanics
- Data Analysis
- Machine Learning
- Artificial Intelligence
- Uncertainty Quantification
- Digital Engineering
- Model Based System Engineering
- Experimental Methods
- Applications and Facilities
- Imaging and Diagnostics

All presentations will be limited to 20 minutes, including Q&A. Attendees are also encouraged to participate in the associated Art-in-Science competition by submitting videos or images that combine technical content and aesthetic appeal.

Note that DCASS is a presentation-only forum and does not require a written paper, making it an ideal venue for presenting work currently under development or slated for other technical forums.

Submit your abstract today through the symposium website. It provides upload instructions and will generate an email notification upon abstract acceptance. Please allow sufficient time for any required public release approval.

<https://www.aiaa-daycin.org/DCASS>

**Priority Abstract Submission: 16 January 2026**

Submissions by this date receive priority review and placement.

**Final Abstract Submission: 06 February 2026**

Abstracts submitted after the priority deadline will be considered based on quality and program openings.

