

50th AIAA Dayton-Cincinnati Aerospace Sciences Symposium

CALL FOR ABSTRACTS



Priority Deadline: 17 Jan 2025

The Dayton-Cincinnati Aerospace Sciences Symposium (DCASS) offers a unique venue for technical interchange with members of the regional aerospace community. The event will take place at the [Sinclair Conference Center](#), Downtown Dayton, on **Tuesday 04 March 2025**.

The symposium program includes up to 9 parallel sessions in the morning and afternoon and a keynote address. Attendees may also participate in the associated Art-in-Science competition by submitting videos or images that combine technical content and aesthetic appeal.

We welcome technical presentations in all areas of aerospace science and technology, including Fluid Dynamics, Applied Aerodynamics, Aircraft and UAS Design and Applications, Computational Fluid Dynamics, Combustion and Fuels, Heat Transfer and Thermal Management, Experimental Methods Applications and Facilities, Flight Dynamics and Controls, Imaging and Diagnostics, Materials and Structures, Turbomachinery and Propulsion, Data Analysis and Uncertainty Quantification (UQ), Orbital Mechanics, and Space Systems and Structures. **New for 2025: Machine Learning, Artificial Intelligence, Digital Engineering, and Model-Based Systems Engineering.** A 20-minute limit applies to all presentations, including questions. Abstract submissions do not require a written paper and we welcome works under development for other technical forums. Each technology area will select a best presentation to receive an award.

Submit your abstract *today* through the symposium website:

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

The website provides upload instructions and will generate an email notification upon abstract acceptance. Priority given to complete abstracts submitted by the priority deadline of **17 January 2025**. The review and selection committee will consider abstracts after the priority deadline by the final deadline of **31 January 2025** based on abstract quality and symposium openings. Please allow sufficient time for any required public release approval.