
CONFERENCE WEBSITE: <https://2025.dasconline.org/>

| About the Conference

The 44th AIAA/IEEE Digital Avionics Systems Conference (DASC) continues a rich tradition as the preeminent R&D conference in the field of digital avionics, offered by Digital Avionics Technical Committee (DATC) and co-sponsored by the American Institute of Aeronautics and Astronautics (AIAA) and the Institute of Electrical and Electronics Engineers (IEEE).

As the world's leading conference on digital avionics technologies, we offer comprehensive topics in a diverse and collaborative environment for educational and professional opportunities. We are confident that you will have a memorable, inspiring, and educational experience.

CONFERENCE THEME: AVIONICS' RESPONSIBILITY FOR SAFE AND SUSTAINABLE NEXT GENERATION AEROSPACE OPERATIONS

Digital avionics are the foundation for the kind of aviation and space flight we feel familiar with today, but aerospace finds itself in an

Important Dates

SEP
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CONFERENCE
DATE
**September
14-18,
2025**

era of tremendous changes:
societal demands and geopolitical changes are transforming aerospace towards higher customization, more autonomy, greener operation and faster adaptability. Digital avionics systems are the core enablers for many of the new technologies, functions, and operations necessitated by these changes. Furthermore, avionics systems will need to undergo a transformation towards reduced carbon footprint, higher calculation power, lower latency, and higher flexibility - all while maintaining safety and security levels and decreasing certification times: a huge responsibility for the digital avionics systems of the future. The 44th DASC will investigate the responsibility of digital avionics for the next generation of air and space vehicles to come. We provide the forum to present solutions making aerospace transformation possible, analyze open issues, and discuss disruptive ideas.

TOPICS OF INTEREST

1 topics

Research papers are invited in, but not limited to, the following areas:

Uncategorized

