# 2024 IEEE Aerospace Conference

Technical Cosponsors: AIAA & PHM Society
Yellowstone Conference Center in Big Sky, Montana
March 2-9, 2024

## Call for Papers

**Abstract Due Date (300 - 500 words) : July 1, 2023**
**Paper (6 - 20 pages) Deadline :  October 6, 2023**
**Reviewed Paper Returned to Author : November 13, 2023**
**Final Paper Due Date : January 12, 2024**

All submissions are electronic at : www.aeroconf.org

### Registration Opens: October 1, 2023

The 45th in a series of annual, week-long, winter conferences designed for aerospace experts, academics, military personnel, and industry leaders will be held in Big Sky, Montana March 2 -9, 2024. The Conference promotes interdisciplinary understanding of aerospace systems, their underlying science and technology, and their applications to government and commercial endeavors. Attendees enjoy exceptional access to authors and invited speakers in a setting ideal for developing lasting relationships benefiting participants, their organizations, and the engineering, scientific, and aerospace communities.

## TECHNICAL PROGRAM

This Call invites submission of papers reporting original work or state-of-the-art reviews that enhance knowledge of: (1) aerospace systems, science, and technology; (2) applications of aerospace systems or technology to military, civil or commercial endeavors; (3) system engineering and management science in the aerospace industry; and (4) Government policy that directs or drives aerospace programs, systems, and technologies.  The technical program will present key innovations and achievements in aerospace technologies and their current and future applications.

### 14 Tracks

1. Science and Aerospace Frontiers: Eight Plenary Sessions
*(Key addresses by leading scientists and leaders in government and industry)*

2. Space Missions, Systems, and Architecture
3. Antennas, RF/Microwave Systems and Radio Science
4. Communication & Navigation Systems & Technologies
5. Small Spacecraft, Low-Cost Missions, Systems and Technologies
6. Remote Sensing
7. Avionics and Electronics for Space Applications
8. Spacecraft and Launch Vehicle Systems and Technologies
9. Air Vehicle Systems and Technologies for Piloted, Remotely Piloted, or UAS Atmospheric Platforms
10. Software and Computing
11. Diagnostics, Prognostics, and Health Management (PHM)
12. Ground and Space Operations
13. Management, Systems Engineering and Cost
14. Government Plans, Policies & Education - Six High Level Panels

*(>100 Technical Sessions—See "Call for Papers" at www.aeroconf.org)*

### JUNIOR ENGINEERING AND SCIENCE CONFERENCE
A concurrent conference for junior engineers, grades 1-12
See "Junior Engineering" at  www.aeroconf.org/junior-engineering

| More information: | www.aeroconf.org | |
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