



# 2010 IEEE Aerospace Conference AIAA - Technical Cosponsor

March 6–13, 2010 Big Sky, Montana

## Call for Papers

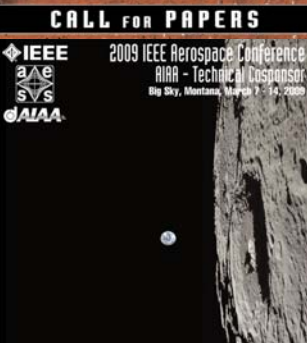
**Abstract (300-500 words) due: July 1, 2009**

**Draft paper (6–20 pages) deadline: November 1, 2009**

**Reviewed paper returned to author: November 13, 2009**

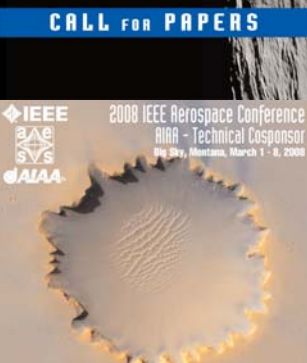
**Final paper deadline: January 4, 2010**

**All submissions are electronic at: [www.aeroconf.org](http://www.aeroconf.org)**



The 31<sup>th</sup> 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 6--13, 2010. 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. Eight Plenary Sessions: Science & Aerospace Frontiers

*(Key addresses by leading scientists and leaders in government and industry)*

- |   |  |
|---|--|
| 2. Space Missions, Systems, and Architecture          | 9. Air Vehicle Systems and Technologies                                    |
| 3. Antenna Systems and Technologies                   | 10. Software and Computing   |
| 4. Communication & Navigation Systems & Technologies  | 11. Diagnostics, Prognostics, and Health Management                        |
| 5. Electro-Optic Sensors and Observation Systems      | 12. Mission Ops Concepts, Technologies, & Experiences                      |
| 6. Remote Sensing                                     | 13. Management, Systems Engineering and Cost                               |
| 7. Spacecraft Avionics Systems & Technologies         | 14. Government Plans, Policies, and Education (Papers & Panel Discussions) |
| 8. Spacecraft & Launch Vehicle Systems & Technologies |  |

*(130 Technical Sessions—See “Call for Papers” at [www.aeroconf.org](http://www.aeroconf.org))*



## JUNIOR ENGINEERING AND SCIENCE CONFERENCE

A concurrent conference for junior engineers, grades K-12

See “Junior Engineering” at [www.aeroconf.org](http://www.aeroconf.org)



**More information: Website: [www.aeroconf.org](http://www.aeroconf.org)**

### Questions:

- |   |  |                |
|---|--|----------------|
| <b>Conference Chair:</b> David Woerner      | <a href="mailto:david.woerner@jpl.nasa.gov">david.woerner@jpl.nasa.gov</a>             | (818) 393-2000 |
| <b>Technical Program:</b> Richard Mattingly | <a href="mailto:richard.l.mattingly@jpl.nasa.gov">richard.l.mattingly@jpl.nasa.gov</a> | (818) 354-4605 |
| Karen Profet                                | <a href="mailto:karen.profet@aero.org">karen.profet@aero.org</a>                       | (310) 545-9642 |
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| Mel Montemerlo                              | <a href="mailto:montemerlo@gmail.com">montemerlo@gmail.com</a>                         | (703) 455-6215 |
| <b>Registration:</b> Monica Panno           | <a href="mailto:panica@earthlink.net">panica@earthlink.net</a>                         | (818) 654-1034 |



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