

**AAS G&C Conference Feb 3-8, 2012 Breckenridge, Colorado**



## 35<sup>th</sup> Annual AAS Guidance and Control Conference

It is my pleasure to invite you to attend the 35<sup>th</sup> annual AAS Guidance and Control Conference at the **Beaver Run Resort in Breckenridge, Colorado, February 3-8, 2012**. We are excited to present an exciting program for this year's conference, with sessions that reflect some of the most relevant and current topics in the industry. We are following up 2009's exceptional session on Orbital Debris, showcased in an article on Space.com, with a session on **Space Debris Tracking, Characterization, & Mitigation**. This session will investigate the nature of debris and ways to ensure our safe future in space.

Expanding upon the hazards of space, Sunday's sessions will feature a two-part tutorial on **Space Weather**. Included will be a discussion of the current state of space and upper-atmospheric physics along with an overview of current measuring systems and available data sources.

Examining the current state-of-the-art and the near future of GN&C will be a recurring theme at this year's conference. In addition to the ever-popular **Advances in GN&C** session, we will be addressing how new concepts of operation, algorithms, and components will be required to meet increasingly-sophisticated mission needs in **GN&C – The Future**. Plus, **Current & Future Advanced European Programs** will highlight innovations in the international community.



We are pleased to present **INR from UAV's**, which will focus on hardware and software systems for Image Navigation & Registration from Unmanned Aerial Vehicle platforms. Wrapping up the conference will be **Recent Experiences**, a traditional session with candid revelations of the successes and failures, trials and tribulations encountered by your colleagues in the space industry.

The traditional banquet will be held on Monday evening, and is open to families. Other family events will include the perennial favorite **Technical Exhibits** and buffet on Saturday night. You and your family will enjoy our tasty buffet and socialize with friends and colleagues old and new! Our diverse attendance and agenda offers interaction with industry, government, and academia personnel and state-of-the-art technology.

Both new and veteran conference attendees will appreciate the expanded technical content featured this year. In addition to the formal sessions, daily poster papers will be displayed in the break area, and seminar-style tutorials will be offered in-between sessions by popular engineering software companies. Session abstracts are provided in the attached program, and updates are available periodically at: <http://www.aas-rocky-mountain-section.org>. We are currently soliciting abstracts! These are DUE BY SEPTEMBER 9, 2011. If you would like to be an author, please see the website or contact the local or national chairs from the attached program.



Speaking on behalf of the Conference Committee and the Board of Directors, we are committed to providing the highest-quality technical presentations and tutorials for this year's conference in the beautiful setting of Breckenridge. Please make plans to join us in February by registering on-line at the AAS web site listed above.

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