



**Astronauts4Hire**

*Your Spaceflight Crew Solution*

FOR IMMEDIATE RELEASE

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January 24, 2012

### **Astronauts4Hire Sponsors 2012 Next-generation Suborbital Researchers Conference**

Tampa, Florida – Astronauts4Hire is pleased to announce that it has become a sponsor of the 2012 Next-generation Suborbital Researchers Conference (NSRC) to be held at the Crowne Plaza Hotel and Resort in Palo Alto, California from February 27-29, 2012. The NSRC will bring together researchers from government, industry, and academia in the largest forum of its kind focused on the research and education capabilities of new suborbital vehicles.

“Astronauts4Hire grew out of NSRC-2010 and was a NSRC-2011 sponsor,” said Brian Shiro, President and CEO of Astronauts4Hire, “so it is fitting that we will once again support the suborbital research community by sponsoring the NSRC-2012. This will be a prime opportunity for A4H to demonstrate how far it's come in its second year and where it's going in the future.”

Several members and partners of Astronauts4Hire will attend the conference, giving presentations on a range of topics, including the following:

- Sunday, February 26 (19:30-21:00, Prefunction Area)  
Poster: “Measuring Ion Currents and Electric Fields Caused by Earthquakes, Volcanoes, and Lightning in the Mesosphere” by Brian Shiro, et al. Abstract available at <http://www.boulder.swri.edu/NSRC2012/Site1//PDF/Shiro-AIA.pdf>
- Sunday, February 26 (19:30-21:00, Prefunction Area)  
Poster: “Peak Experience: Optimizing the Conditions of Inner Space for Outer Space” by Mindy Howard, et al. Abstract available at <http://www.boulder.swri.edu/NSRC2012/Site1//PDF/Howard-FT.pdf>
- Monday, February 27 (lunch break, Mykonos Meeting Room)  
Press Conference: Astronauts4Hire will make some exciting announcements.
- Monday, February 27 (15:15-15:30, Mediterranean B Ballroom)  
Presentation: “Biomedical Monitoring for Suborbital Scientist Astronauts” by Erik Seedhouse, et al. Abstract available at <http://www.boulder.swri.edu/NSRC2012/Site1//PDF/Seedhouse-LS.pdf>

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- Tuesday, February 28 (09:00-09:30, Mediterranean B Ballroom)  
Presentation: “Polar Mesospheric Cloud Studies from Next-Generation Suborbital Vehicles” by Jason Reimuller, et al. Abstract available at <http://www.boulder.swri.edu/NSRC2012/Site1//PDF/Reimuller-ATM.pdf>
- Tuesday, February 28 (09:15-09:30, Mediterranean C Ballroom)  
Presentation: “Suborbital Spaceflight Training: Parabolic Flight Analog Environment” by Janna Kaplan, et al. Abstract available at <http://www.boulder.swri.edu/NSRC2012/Site1//PDF/Kaplan-PSRP.pdf>
- Tuesday, February 28 (09:45-10:00, Mediterranean C Ballroom)  
Presentation: “The Perfect Fit: Parabolic Flight Testing A Novel Biosensor Package” by Ravi Komatireddy, et al. Abstract available at <http://www.boulder.swri.edu/NSRC2012/Site1//PDF/Komatireddy-LS.pdf>
- Tuesday, February 28 (11:15-11:30, Mediterranean C Ballroom)  
Presentation: “Development of an Integrated Human Factors Research and Training Program in Canada” by Andrew Blaber and Stephen Braham. Abstract available at <http://www.boulder.swri.edu/NSRC2012/Site1//PDF/Blaber-FT.pdf>
- Tuesday, February 28 (11:45-12:00, Mediterranean C Ballroom)  
Presentation: “Fitness Assessment and Exercise Training for Suborbital Scientist Astronauts” by Erik Seedhouse, et al. Abstract available at <http://www.boulder.swri.edu/NSRC2012/Site1//PDF/Seedhouse-FT.pdf>
- Tuesday, February 28 (14:45-15:00, Mediterranean B Ballroom)  
Presentation: “Ukrainian Space Research on Commercial Suborbital Platforms - Opportunities for International Cooperation” by Sergiy Ponomarenko. Abstract available at <http://www.boulder.swri.edu/NSRC2012/Site1//PDF/Ponomarenko-MPO.pdf>
- Tuesday, February 28 (15:30-15:45, Mediterranean B Ballroom)  
Presentation: “Developing Astronauts4Hire: The First Two Years” by Brian Shiro and Jason Reimuller. Abstract available at <http://www.boulder.swri.edu/NSRC2012/Site1//PDF/Shiro-MPO.pdf>
- Wednesday, February 29 (11:15-11:30, Mediterranean B Ballroom)  
Presentation: “Training commercial astronauts for spaceflight: Space motion sickness, disorientation, and altered force environments” by Janna Kaplan, et al. Abstract available at <http://www.boulder.swri.edu/NSRC2012/Site1//PDF/Kaplan-LS.pdf>
- Wednesday, February 29 (14:35-14:43, Mediterranean Ballroom)  
Workshop on NASA Flight Opportunities Program: “Application of a Cost Effective Novel Platform for Non-Invasive Acquisition of Physiological Variables from Spaceflight Participant Candidates” by Ravi Komatireddy

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**About Astronauts4Hire:**

Astronauts for Hire, Inc. (A4H) is a 501(c)(3) non-profit corporation whose objectives are to provide opportunities for students and professionals to develop and refine the skills necessary to become commercial astronauts and to assist these qualified candidates with networking opportunities in the space research community. A4H's commercial astronaut candidates are accomplished scientists and engineers who can support a wide variety of payloads. They are available today for contract and consulting work with researchers to design and conduct experiments on microgravity, suborbital, and orbital missions. For more information, please visit [www.Astronauts4Hire.org](http://www.Astronauts4Hire.org) or contact Public Relations Officer Ben Corbin at [media@astronauts4hire.org](mailto:media@astronauts4hire.org) or at (850) 685-2218.

**About the NSRC:**

Organized by the Suborbital Applications Researchers Group of the Commercial Spaceflight Federation, the Next-generation Suborbital Research Conference (NSRC) provides a forum to learn about opportunities that new suborbital vehicles offer for research and education missions in the fields of atmospheric science, solar physics, microgravity science, planetary science, space life science, space physics, and outreach. The NSRC will be held at the Crowne Plaza Hotel and Resort in Palo Alto, CA from February 27 through 29, 2012. For more information, visit the NSRC website at <http://nsrc.swri.org>.

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