

Next-Generation Suborbital Researchers Conference

February 18–20, 2010

Boulder, Colorado

Preliminary Agenda

February 18, 2009

- 8:30 a.m. Welcome
- 8:45 a.m. Opening Plenary
Russell Blink, *Armadillo Aerospace*
Joshua Colwell, *University of Central Florida*
George Nield, *Associate Administrator, Federal Aviation Administration*
Alan Stern, *Southwest Research Institute*
Fred Tarantino, *Universities Space Research Association*
Pete Worden, *Center Director, NASA Ames Research Center*
- 10:30 a.m. REM Capabilities of Next-Generation Suborbital Vehicles
Stephen Attenborough, *Virgin Galactic*
Jeff Greason, *XCOR*
Gary Lai, *Blue Origin*
Mike Mealing, *Masten Space Systems*
Max Vazoff, *SpaceX Dragon*
- 1:30 p.m. Space Life Sciences
Mark Shelhammer, *Johns Hopkins University* (Chair)
Erika Wagner, *Massachusetts Institute of Technology* (Chair)
Owen Black, *Neurotology Research, Legacy Health*
Jonathan B. Clark, *National Space Biomedical Research Institute*
Jeffrey Sutton, *National Space Biomedical Research Institute*
Larry Young, *Massachusetts Institute of Technology*
- Astronomy, Solar Physics, and Planetary Science
Daniel Durda, *Southwest Research Institute, Boulder* (Chair)
Craig DeForest, *Southwest Research Institute*
Noam Izenberg, *Johns Hopkins University/Applied Physics Laboratory*
Steve Osterman, *University of Colorado/Center for Astrophysics and Space Astronomy*
Faith Vilas, *University of Arizona/MMT Observatory*
- Student Suborbital Experiment Proposals, hosted by the Colorado Space Grant Consortium
Chris Koehler, *Colorado Space Grant Consortium, University of Colorado at Boulder* (Chair)
- 5:00 p.m. Press Conference
S. Alan Stern, *Southwest Research Institute, Moderator*
- 6:00 p.m. Evening Public Lecture
Andrew Chaikin, *Author, Speaker, Space Journalist*
Col. Rick Searfoss, *Chief Test Pilot for XCOR Aerospace and Former Space Shuttle Commander*

February 19, 2009

8:00 a.m.

Plenary Panel: Payload Specialists and Researcher/Educator Roles in Next-Generation Suborbital Missions

Daniel Durda, *Southwest Research Institute, Boulder* (Chair)
Erika Wagner, *Massachusetts Institute of Technology* (Chair)
Yvonne Cagle, *NASA Ames Research Center*
Ken Davidian, *Federal Aviation Administration*
Samuel Durrance, *Florida Institute of Technology*
S. Alan Stern, *Southwest Research Institute*

9:00 a.m.

Atmospheric Science

Michael Summers, *George Mason University* (Chair)
Scott Bailey, *Virginia Polytechnic Institute and State University*
Thomas Immel, *University of California, Berkeley*
David Siskind, *Naval Research Laboratory*

Microgravity Physics

Steven Collicott, *Purdue University* (Chair)
Iwan Alexander, *National Center for Space Exploration Research*

Technology Payloads

Richard Miles, *Princeton University* (Chair)
Takeshi Abe, *Japan Aerospace Exploration Agency*
Dave Miller, *Massachusetts Institute of Technology*
Rex Ridenoure, *Ecliptic Enterprises*
John Schmisser, *Air Force Office of Scientific Research*

1:30 p.m.

EPO

David Grinspoon, *Denver Museum of Nature and Science* (Chair)
Erika Wagner, *Massachusetts Institute of Technology* (Chair)
Emily CoBabe-Ammann, *University of Colorado/LASP*
Keith Cowing, *SpaceRef, NASA Watch*
Dave Miller, *Massachusetts Institute of Technology*
Helen Reed, *Texas A&M*

Miscellaneous/Other

John Pojman, *Louisiana State University* (Chair)

Ionosphere/Aurora

Christoph Englert, *Naval Research Laboratory* (Chair)
David C. Fritts, *Colorado Research Associates*
Roderick A. Heelis, *University of Texas at Dallas*
Larry Paxon, *John Hopkins University/Applied Physics Laboratory*

February 20, 2009

9:00 a.m.

Plenary Panel: Desired Next-Generation Vehicle Attributes for Research and Education Missions

S. Alan Stern, *Southwest Research Institute, Boulder* (Chair)
Yvonne Cagle, *NASA Ames Research Center* (Chair)
Stephen Attenborough, *Virgin Galactic*
Russell Blink, *Armadillo Aerospace*
Gary Lai, *Blue Origin*
Khaki McKee, *XCOR*
Mike Mealing, *Masten Space Systems*
Max Vazoff, *SpaceX Dragon*

10:00 a.m.

Closing Session

Andrew Chaikin, *Author, Speaker, Space Journalist*