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