

Space Weather Enterprise Forum

Hotel Washington, Washington, DC
April 4-5, 2007

AGENDA

Tuesday, April 3, 2007

Evening Reception at the Rayburn House Office Building, Room 2325 5:30 – 7:30
Host: The Honorable Robert S. Walker , Chairman, Wexler & Walker
Sponsored by Ball Aerospace

Wednesday, April 4, 2007

08:00 - 08:30	Registration
08:30 Welcome/Introduction	BGen Jack Kelly, USAF (Ret) Deputy Undersecretary for Oceans & Atmosphere, NOAA
08:50-09:15 Keynote Lecture	Dr. Len Fisk T.M. Donahue Distinguished University Professor of Space Science, University of Michigan
Session 1 – Space Weather: Human and Technology Impacts (Chair: Scott Rayder, NOAA Chief of Staff)	
09:15 Session Overview	Scott Rayder NOAA Chief of Staff
09:30	David Cavossa Executive Director of the Satellite Industry Association
09:45	Hank Krakowski VP of Flight Operations, United Airlines
10:00-10:30	Break
10:30	Stan Johnson Manager of Situation Awareness and Infrastructure Security, North American Electric Reliability Corporation
10:45	Dr. Lou Lanzerotti Distinguished Professor of Physics, New Jersey Institute of Technology, and Consultant, Bell Laboratories Lucent Technologies
11:00-12:00	Question/Answer & Panel Discussion
12:00-1:30	Lunch
Session 2 – Current and Future Space Weather Needs of Industry (Chair: Dr. Tom Bogdan, Director, NOAA SEC)	
1:30	BGen D.L. Johnson, USAF, (Ret) Director, NOAA National Weather Service
1:45	Howard Chambers VP and GM, Boeing Space & Intelligence Systems
2:00	Richard Barker Manager, Systems Engineering & Support, FugroChance, Inc.
2:15	Dr. Barbara Grajewski Senior Epidemiologist, National Institute for Occupational Safety and Health

Wednesday, April 4, 2007, Continued

2:30-3:00	Question/Answer & Panel Discussion
3:00-3:30	Break
Session 3 – National Security Programs and the Critical Role of the Space Environment (Chair: Dr. Bob McCoy, Office of Naval Research)	
3:30	Col. Steve Winters Chief of Global Space Operations Division, Directorate of Air, Space and Information Operations, Air Force Space Command
3:45	Dr. Dave Hardy Associate Director for Space Technology, Space Vehicles Directorate, Air Force Research Laboratory
4:00	Col. Kim Waldron Director of Operations, Air Force Weather Agency, USAF
4:15-4:45	Question/Answer & Panel Discussion

Wednesday, April 4, 2007

Evening Reception at the National Air and Space Museum 7:00 – 10:30	
Presentation	Dr. Kathie Olsen , Deputy Director, National Science Foundation <i>Space Weather Pioneering</i>
Featured Speaker	Dr. John Mather, 2006 Nobel Laureate for Physics
Presentation	<i>Cosmic Collisions</i> , Planetarium Show Mike Shara (AMNH) Richard Fisher (NASA)

Thursday, April 5, 2007

08:30 Introduction/Overview of Day 2 Activities	Edward Morris Director, NOAA Office of Space Commercialization
Keynote Lecture 08:45	Christopher Scolese Chief Engineer, NASA Headquarters
Session 4 – Space Weather Hazards and the Vision for Space Exploration (Chair: Dr. Dan Baker, Director, Laboratory for Atmospheric and Space Physics, University of Colorado)	
09:10	Dr. Richard Fisher Director, Heliophysics Division, NASA Headquarters
09:25	Dr. Carl Walz Astronaut and Director of the Exploration Systems Mission Directorate (ESMD) Advanced Capabilities Division, NASA Headquarters
09:40-10:10	Break
10:10	Mark Weyland Chief, Environmental Factors Branch, NASA Johnson Space Center
10:25	Geoffrey Yoder Deputy Director, ESMD Directorate Integration Office, NASA Headquarters
10:45-11:45	Question/Answer & Panel Discussion
11:45-1:00	Lunch

Thursday, April 5, 2007, Continued

Session 5 - Commercial Space Transportation – Space Weather Support for the Emerging Space Tourism Industry (Chair: George Whitesides, National Space Society Executive Director)	
1:00	Charles Chafer Chief Executive Officer, Space Services Inc.
1:15	Jim Dunstan Partner, Garvey, Schubert & Barer law firm
1:30	George Nield , Deputy Associate Administrator, FAA Commercial Space Transportation
1:45	Gwynne Shotwell VP for Business Development, Space X
2:00-2:30	Question/Answer & Panel Discussion
2:30-2:50	Break
Session 6 – Training the Next Generation: Keeping America Competitive (Chair: Dr. Richard Behnke, Acting Director, NSF Division of Atmospheric Sciences)	
2:50	Dr. Daniel Litynski Program Director, Division of Undergraduate Education, NSF
3:05	Gay Gilbert Administrator for the Office of Workforce Investment in the Employment and Training Administration
3:20	David Dunn Chief of Staff to the U.S. Secretary of Education
3:35	Dr. Thomas Zurbuchen Associate Professor of Space Science and Engineering, University of Michigan
3:50	David DeVorkin Curator, History of Astronomy, Division of Space History, National Air and Space Museum
4:05-4:45	Question/Answer & Panel Discussion
4:45 Closing Comments	Dr. Tom Bogdan Director, NOAA Space Environment Center

End of Forum