

Agenda

2017 Space Weather Enterprise Forum

“Implementing the National Space Weather Partnership”

June 27, 2017

7:30 am **Registration**

8:30 am **Session 1: Welcome and Opening Addresses**

Session Coordinator: Mr. Michael Bonadonna, Office of the Federal Coordinator for Meteorology (OFCM)

8:30 am Forum Welcome and Introduction: **Mr. Ralph Stoffler**, Director of Weather, Deputy Chief of Staff for Operations, Headquarters, U.S. Air Force, Washington, D.C.

8:40 am National Security Perspective: **Major General Scott Vander Hamm**, Assistant Deputy Chief of Staff, Operations, Headquarters U.S. Air Force, the Pentagon, Washington, D.C.

9:00 am Government Perspective: **Dr. Stephen Volz**, Acting Assistant Secretary for Environmental Observation and Prediction, National Oceanic and Atmospheric Administration (NOAA)

9:30 am Break

9:45 am **Session 2: Space Weather Impacts and Mitigation**

Session Coordinator: Mr. Joseph Imbriano (Dept. of Homeland Security)

Moderator: **Mr. Jack Anderson**, Department of Homeland Security (DHS)

Panelists:

- **Ms. Kenyetta Blunt**, Chief, Recovery Planning Branch, Federal Emergency Management Agency (FEMA)
- **Mr. Ralph Stoffler**, Director of Weather, Deputy Chief of Staff for Operations, Headquarters, U.S. Air Force, Washington, D.C.
- **Dr. Ken Friedman**, Senior Policy Advisor in the Office of Electricity Delivery and Energy Reliability, Department of Energy (DOE)
- **Mr. Mark MacAlester**, Telecommunications Specialist and National Response Coordinator in the Disaster Emergency Communications Division at FEMA

11:00 am Break

11:15 am **Session 3: Space Weather Services, Science and Supporting Infrastructure**

Session Coordinator: Mr. David Logsdon, Senior Director of Public Advocacy for CompTIA

Moderator: **Mr. Matthew Jones**, Director of C4ISR and Advanced Technology and Government Operations at Boeing, and Chair of the Technology Industry Association's Space Enterprise Council.

Panelists:

- Dr. Thomas Zurbuchen, Associate Administrator for the Science Mission Directorate, National Aeronautics and Space Administration (NASA).
- Dr. William Easterling, Assistant Director Geosciences, National Science Foundation (NSF)
- Dr. Louis Uccellini, NOAA Assistant Administrator for Weather Services and Director, National Weather Service
- Dr. Conrad Lautenbacher, Chief Executive Officer, GeoOptics Incorporated and American Commercial Space Weather Association (ACSWA).

12:30 pm Lunch

1:30 pm Poster Session

Session Coordinator: Mr. Michael Bonadonna, Office of the Federal Coordinator for Meteorology (OFCM)

Posters:

1. Michael Bonadonna, "NSWP History"
2. Christy M. Foran, "RISK And Resilience In The Context Of Space Weather"
3. Joe Davila, "Observing the Solar Wind"
4. Adam Schultz, "EarthScope Magnetotelluric Surveys" (w/ video)
5. Stacey Worman, "The Social and Economic Impacts of Space Weather (U.S. Study)"
6. Emily Mason, "EUV Photon Sieve Telescopes"
7. Anna Kelbert, "Goelectric Field Maps"
8. George Ho, "Challenge for Next Generation Space Weather Measurements."
9. Bob Robinson, "The American Commercial Space Weather Assoc. (ACSWA)"
10. Jim Spann, "SPORT Cubesat Mission"
11. Neal Hurlburt, "Coronal and Magnetic Imagers"
12. Ben Davidson, "Ongoing and Future Space Weather Outreach Service: Five Years of Data and Analysis, and a Roadmap Looking Forward"
13. Frank Hill, "SWING -- The Space Weather Integrated Network Group"
14. David Helms, "Update to NOAA's Space Weather Requirements and Mission Services represented in the NOAA Observing System Architecture"
15. Nat Gopalswamy, "The International Space Weather Initiative (ISWI): A Global Partnership in Creating a Space-Weather Awareness."
16. Michael Henderson, "Space Weather Data Products and Modeling Capabilities at Los Alamos National Laboratory"

2:00 pm Session 4: National Space Weather Strategy and Action Plan Update

Session Coordinator and Moderator: **Mr. William Murtagh**, Program Coordinator, Space Weather Operations Research and Mitigation (SWORM) Subcommittee and NOAA Space Weather Prediction Center

Panelists:

- **Mr. Steven Clarke**, Director, Heliophysics Division, Headquarters, National Aeronautics and Space Administration (NASA).
- **Dr. Jeffrey Love**, Research Geophysicist, Advisor for Geomagnetic Research, US Geological Survey (USGS)
- **Mr. Kenneth Hodgkins**, Director, Office of Space and Advanced Technology, US Department of State

- **Dr. Seth Jonas**, Science and Technology Policy Institute (STPI)

3:15 **Break**

3:30 **Session 5: The National Space Weather Partnership**

Session Coordinator: Ms. Krystal Wilson, Secure World Foundation

Moderator: **Ms. Victoria Samson**, Secure World Foundation

Panelists:

- **Dr. Sarah Gibson**, Chair, Committee for Solar and Space Physics, National Academies of Science, and University for Atmospheric Research (UCAR), Boulder, CO
- **Mr. Alec Engell**, NextGen Federal Systems and American Commercial Space Weather Association (ACSWA)
- **Mr. Charles Chafer**, Space Services Incorporated and American Commercial Space Weather Association (ACSWA)
- **Dr. Daniel Baker**, Laboratory for Atmospheric and Space Physics (LASP), University of Colorado, Boulder, CO

4:45 pm **Session 6: Summary and Wrap-Up**

Dr. William Schulz, Federal Coordinator, Office of the Federal Coordinator for Meteorology

5:00 pm Forum Adjourns