

Updated April 12, 2024



2024 Space Weather Workshop Top Level Agenda

Times in MDT

Monday, April 15 - Pre-Workshop Events

- 8:00 AM – 10:00 AM** **User Readiness for Space Weather Data from NOAA Program of Record-2025 Missions**
Location: Pearl St. Ballroom LEFT “Walnut” and CENTER “Mall”
- 10:00 AM - 12:00 PM** **Coordination Group for Meteorological Satellites (CGMS) Data Access**
Location: Pearl St. Ballroom LEFT “Walnut” and CENTER “Mall”
- 10:00 AM - 12:00 PM** **DoD Space Weather Enterprise (by invitation only)**
Location: Pearl St. Ballroom RIGHT “East-West”
- 1:00 PM - 5:00 PM** **NOAA Space Weather Scales**
Location: Pearl St Ballroom
- 3:00 PM - 5:00 PM** **Student Program (for students and invited participants)**
Location: “Royal Arch” Meeting Room
- 5:30 PM - 7:30 PM** **Networking Session for Registered Space Weather Workshop Participants**
Location: [NCAR Mesa Lab](#) – Limited round-trip transportation between Embassy Suites and Mesa Lab will be provided and is on a first come/first serve basis.

Tuesday, April 16

Location: Pearl St Ballroom

- 8:30 AM – 8:40 AM** **Opening Remarks and Welcome**
- 8:40 AM - 9:00 AM** **Space Weather Events and Impacts - Year in Review**
- 9:00 AM - 09:50 AM** **National Policy Initiatives**
- 09:50 AM - 10:45 AM** **Break and Poster Session: Solar and Interplanetary Research and**

10:45 AM - 11:45 AM Applications; and Aviation Radiation Research and Applications
11:45 AM - 12:15 PM PROSWIFT User Survey - Space Weather Advisory Group
12:15 PM - 1:30 PM Poster Lightning Talks for Tuesday Posters: Solar and Interplanetary
12:30 PM - 2:15 PM Research and Applications; and Aviation Radiation Research and Applications
1:30 PM - 2:30 PM Lunch
2:30 PM - 2:45 PM SWPC Tour (for those pre-registered for the tour)
2:45 PM - 3:45 PM Building Resilience to Geomagnetic Storms in the U.S. and Canadian Power
3:45 PM - 5:00 PM Grid
5:00 PM - 5:30 PM Special Presentation: Lessons from Department-Level Exercise at USDA
 Break and Poster Session: Solar and Interplanetary Research and
 Applications; and Aviation Radiation Research and Applications
 Space Weather Services in Support of Aviation Operations
 Poster Lightning Talks for Wednesday Posters: Ionosphere and Thermosphere
 Research and Applications

Wednesday, April 17 Location: Pearl St Ballroom

8:15 AM - 8:30 AM Today's Space Weather Forecast + Q&A
8:30 AM - 10:05 AM The 2023 Space Weather Implementation Plan - Path to Execution
10:05 AM - 10:55 AM Break and Poster Session: Ionosphere and Thermosphere Research and
 Applications
10:55 AM - 12:00 PM Improving Space Weather Services for Satellite Operations
12:00 PM - 1:30 PM Lunch and Other Activities:
 18th Annual NOAA-ACSWA Summit Meeting - invitation only
 Location: "Baseline" Board Room
 Student Program Lunch (for students and invited participants)
 Location: "Royal Arch" Meeting Room
1:30 PM - 2:30 PM Space Weather Support for Human Habitation on the Moon and Beyond
2:30 PM - 3:20 PM Break and Poster Session: Ionosphere and Thermosphere Research and
 Applications
3:20 PM - 4:05 PM Observing and Modeling the Ionosphere: Supporting Communications and
 Navigation
4:05 PM - 4:45 PM Space Weather Workforce Development
4:45 PM - 5:00 PM Special Presentation: Space Weather - Perspective of the Department of
 Homeland Security
5:00 PM - 5:30 PM Poster Lightning Talks for Thursday Posters: Geospace/Magnetosphere
 Research and Applications; Space Weather Policy and General Space Weather
 Contributions
7:00 PM - 9:00 PM Banquet and After-Dinner Presentation: Human Space Exploration and Space
 Weather Effects

Thursday, April 18 Location: Pearl St Ballroom

8:30 AM - 9:45 AM Centers Advancing Research to Operations
9:45 AM - 10:45 AM Break and Poster Session: Geospace/Magnetosphere Research and
 Applications; Space Weather Policy and General Space Weather Contributions
10:45 AM - 11:00 AM Special Presentation: Upcoming Space Weather Tabletop Exercise at APL

11:00 AM - 12:10 PM Space Weather Research to Operations: NSF-NASA Space Weather with Quantified Uncertainties (SWQU)
12:10 PM - 1:30 PM Lunch
12:30 PM - 2:15 PM SWPC Tour (for those pre-registered for the tour)
1:30 PM - 2:30 PM Space Weather: New and Future Observations and Data Access to Advance Understanding and Forecasting
2:30 PM - 3:30 PM Break and Poster Session: Geospace/Magnetosphere Research and Applications; Space Weather Policy and General Space Weather Contributions
3:30 PM - 4:30 PM Advances in Space Weather Modeling, Observations and Services - I
4:30 PM - 5:30 PM Advances in Space Weather Modeling, Observations and Services - II

Friday, April 19

Location: Pearl St Ballroom

8:30 AM - 10:00 AM Space Weather Innovation Projects
10:00 AM - 10:20 AM Break
10:20 AM - 10:55 AM Induced Current Susceptibility and Resilience
10:55 AM - 11:50 AM Citizens & Scientists: Tackling Space Weather Together
11:50 AM - 12:00 PM Closing Remarks