

Friends & Partners in Aviation Weather

Results of the Fall 2021 Planning Meeting



PLANNING



Matthias Steiner

National Center for Atmospheric Research
msteiner@ucar.edu



Matt Fronzak

The MITRE Corporation
mfronzak@mitre.org

20 October 2021 Virtual Meeting

Spring 2022 FPAW Meeting Dates and Location Scratch Pad

Spring 2022 FPAW Plenary Meeting

- **Dates:**
TUE 19APR22 and WED 20APR22 if hybrid (in-person + virtual)
TUE 19APR22, WED 20APR22 and THU 21APR22 if virtual only
- **In-Person Location:**
MITRE 1 Auditorium (1H220), McLean, VA

Spring 2022 FPAW Meeting Agenda Scratch Pad

Session #1

- Primary: **Low Altitude Weather**
 - **Ralph Stoffler**, Don Berchoff, Marilyn Pearson, Claudia McKnight, Gordy Rother, Kevin Johnston, DoD (Lt. Col. Williams for starters)
- Secondary: **Ongoing FPAW Topics Review**
 - **Tom Ryan** (AvMet Applications) Topics TBD

Session #2

- Co-Primary: **NextGen Weather Status Update**
 - **Le Jiang**, Bill Bauman, AJM-33 representative, NEWP representative, NOAA representative
- Co-Primary: **The Role of Weather in Enhancing Aviation Efficiency and Reducing Carbon Emissions**
 - **Gary Pokodner**, Daniel Fuka, Nancy Mendonca, TBD (Joel Siegel to reach out to BAH POC), TBD (Ralph Stoffler to reach out to Collins POC), DoD (Lt. Col. Williams for starters)

Session #3

- Primary: **Translation of Aviation Weather into Impacts for Non-Meteorologists**
 - **Joel Siegel**, Mark Phaneuf, Debbie Kowalewski, Marilyn Pearson, Colleen Reiche, David Strand
- Secondary: **FPAW Organizational Updates**
 - Matthias Steiner (NCAR) and Matt Fronzak (MITRE)

Fall 2022 FPAW Meeting Dates and Location Scratch Pad

Fall 2022 FPAW Meeting

- **General Timeframe:**

October/November (TBD, avoiding major events)

- **Dates/Events to Avoid:**

NBAA 18-20OCT22 Orlando

Columbus Day 10OCT, but later that week OK

Early FY funding challenge (mid OCT or later)

ATCA 06-09NOV22

- **Initial Target Dates:**

12-13OCT, 25-26OCT, 26-27OCT, 01-02NOV, 02-03NOV

- **Target Location:**

National Severe Storms Laboratory (NSSL), Norman, OK

- **Alternatives:**

NCAR, Boulder, CO

AWC, Kansas City, MO

ALPA, Tyson's Corner, VA

Airline Facility (i.e., SWA, DAL, AAL, UAL)

Fall 2022 FPAW Meeting Agenda Scratch Pad

Session #1

- Primary: **Winter Weather Session** (to include Mixed Phase Precipitation, Takeoff and Landing Performance Assessment [TALPA], Aircraft Braking Action Report [ABAR], In-Cloud ICing and Large drop Experiment [ICICLE] updates)
 - Stephanie DiVito, Josh Paurus, Joe Vickers, Scott Landolt
- Secondary: **Ongoing FPAW Topics Review**
 - Tom Ryan (AvMet Applications) Topics TBD

Session #2

- Primary: **Key Aspects of Research to Operations, Operations to Retirement for Weather Products**
 - Randy Bass, Jason Levit, Kevin Johnston, Don Berchoff, Other Private Sector Reps (Kevin Petty, John Williams?)
- Secondary: **TBD**

Session #3

- Primary: **Probabilistic Weather, Forecast Uncertainty and Its Presentation to the Aviation Decision Maker** (needs to be narrowly focused with a specific goal in mind)
 - Brian Pettegrew, Jim Evans, Gary Pokodner, Ralph Stoffler, Matt Fronzak
- Secondary: **FPAW Organizational Updates**
 - Matthias Steiner (NCAR) and Matt Fronzak (MITRE)