



# Friends & Partners in Aviation Weather

## Spring 2024 Plenary Meeting Planning Document



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Submit a topic: <https://fpaw.aero/form/submit-a-topic>

# Spring 2024 FPAW Meeting

## Dates – April/May 2024

- Potential conflicts – Holidays, Festivals/Events, Major Meetings, etc.
  - March & April:  
Cherry Blossom Festival – March 20 to April 14, Easter – March 31, Full Solar Eclipse April 4? April 8? Sun n’ Fun – April 9-14, Tax Day – April 15, Space Weather Workshop – April 15-19, AUVSI XPONENTIAL – April 22-25, ATCA Tech Symposium in Atlantic City, NJ – tbd
  - May & June:  
Mother’s Day – May 12, Memorial Day – May 27, EBACE – May 28-30
- Suggested FPAW meeting dates
  - April 1-5, ~~April 8-12~~, ~~April 15-19~~, **April 29 - May 3**, May 6-10, May 13-17, May 20-24, June 3-7

## Location

- **SWA campus in Dallas, TX?**
- **DFW airport has facility (Bryan Beck)**

# Spring 2024 FPAW Meeting

Location:

- Airlines hubs: Atlanta, Chicago, Houston, Newark, others

(MR) Game changing perspectives and ideas

## Main Topic #1

- **Legacy Operator Perspectives on Aviation Weather Information and Education Gaps (4 hours)**  
**(Nathan Polderman/United Airlines, Don Eick/NTSB)**
- Part I: Legacy Operators (Part 121, 91, 91K, 135) – flesh this out from legacy operator perspective
  - Potential panelists: Skywest AOC
  - NTSB weather-related accident perspective (Don Eick, Paul Suffern)
  - Is AAM becoming like a new “regional carrier”? – intro to topic

## Main Topic #2

- **Emerging Operator Perspectives on Aviation Weather Information and Education Gaps (4 hours)**  
**(Rex Alexander/VFS and Bryan Beck/Turbulent Aerospace)**
- Part II: Emerging Operators (Advanced air mobility operators like Joby Aviation, Archer, Zipline, others)
  - Remote pilots to autonomy – requires real-time micro-weather guidance, autonomy requires sensing capabilities on vehicle
    - Operators may include vertiports
    - Requirements are different based on type of aircraft/operation – cargo or passenger
    - MWT energy extraction? (W. Rogers)

## Main Topic #3

- **Brainstorming Session: Synthesizing and Synchronizing MTs #1 and #2 (2x 2 hours ea, or 2x 1.5 hours + 1 x 1 hour?) (Facilitator + recorder/note-taker)**

## Short Sessions

- ~~Steve Darr – Panel Discussion Synthesizing Main Topics 2 and 3~~
- **Wx COI Standing Session (Randy Bass, Alfred Moosakhanian)**
- **Updates to Prior FPAW Topics (Darr)**
- **FPAW Organizational Updates (Fronzak, Steiner)**

# Fall 2024 FPAW Meeting

## Dates – October/November 2024

- Potential conflicts – Holidays, Festivals/Events, Major Meetings, etc.
  - October:
    - Columbus/Indigenous Peoples' Day – October 14, NBAA-BACE – October 22-24, Halloween – October 31
  - November:
    - Election Day – November 5, ATCA Global – November 6-8, Veterans Day – November 11, Thanksgiving – November 28
  - Reach out to MIT/LL re FPAW thought process; earlier probably better
- Suggested FPAW meeting dates
  - October 7-11, *October 28 to November 1*, November 18-22

## Location

- Washington, DC area (e.g., FAATC, ACY)
- Other location?

# Fall 2024 FPAW Meeting

## Major Topic #1

- **Technical Capability Demonstrations Arising from Gaps Identified in Spring Meeting - “The Art of the Possible” (4 hours) (Starr McGettigan/FAA, TBD)**

## Major Topic #2

- **AI and Aviation Weather (Doug Lotter/ADF and Matt Wandishin/NOAA GSL)**
- Data-centric discussions etc.
- Ground-based & airborne data efforts (Synoptic Data)
- Google data interests

## Major Topic #3

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## Shorter Updates

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