



**CPEX Science Team Meeting  
August 15-17, 2023, SLC  
AGENDA**

[https://espo.nasa.gov/content/CPEX-CV\\_CPEX-CV\\_STM](https://espo.nasa.gov/content/CPEX-CV_CPEX-CV_STM)

***Updated August 14, 2023***

***NOTE: All Times in U.S. Mountain Time (MT)***

***\* Participation Confirmed***

**DAY 1**

**Morning Session 1 (8:30-10:30 AM)**

- 8:30 - 8:45 AM: Welcome/Meeting Logistics/Goals (15 minutes)
- 8:45 - 9:00 AM: CPEX-CV mission and dataset overview (15 minutes)
- 9:00 - 10:45 AM: International Collaborator overview (20 minutes each including questions x 4 = 80 minutes + 10 min buffer)
  - Thorsten Fehr (JATAC + EARTHCARE, virtual)
  - Holgar Baars (Aeolus-Mindelo comparisons, virtual)\*
  - Grisa Mocnik (in situ airborne, virtual)\*
  - Eleni Marinou (ASKOS, virtual)/Vassilis Amiridis (publication list)\*
  - 10:30 - Shuyi Chen (virtual)\*

**BREAK (10:45-11:00 AM)**

**Morning Session 2 (11:00 AM - 12:00 PM; 4 presentations)**

- Science PI presentations - Aerosols and Data Assimilation (15 minutes + 5 min Q&A)
  - 11:00 - 11:20 AM: Shu-Hua Chen\*
  - 11:20 - 11:40 AM: Ed Nowotnick\*
  - 11:40 - 12:00 PM: Zhaoxia Pu\*

**Lunch (12:00 PM - 1:30 PM)**

**Afternoon Session 1 (1:30 - 3:10 PM; 5 presentations)**

- Science presentations - Convection (15 minutes + 5 min Q&A)
  - 1:30 - 1:50 PM: Sun Wong\*
  - 1:50 - 2:10 PM: Naoko Sakaeda\*
  - 2:10 - 2:30 PM: Ed Zipser\*

- 2:30 - 2:50 PM: Angela Rowe\*
- 2:50 - 3:10 PM: Svetla Hristova-Veleva\*

**BREAK (3:10 - 3:30 PM)**

**Afternoon Session 2 (3:30-4:30 PM)**

- Instrument mentor updates (10 minutes each) covering data quality considerations (more time available day 2 afternoon for further details/discussions):
  - 3:30-3:40 PM: Dropsondes (Lee Thornhill)\*
  - 3:40-3:50 PM: HAMS (Bjorn Lambrigtsen)\*
  - 3:50-4:00 PM: HALO (Amin Nehrir)\*
  - 4:00-4:10 PM: DAWN (Kris Bedka)
  - 4:10-4:20 PM: APR-3 (Ousmane Sy)\*
  - 4:20-4:30 PM: Radiosondes (Peter Veals)\*
  - 4:30-4:40 PM: CAPS (Lee Thornhill)\*

**Poster Session (4:40-6:00 PM)**

- Poster viewing
- Poster presenters:
  - Quinton Lawton\*
  - Giselle Martinez\*
  - Brian Collister\*
  - Alan Brammer\*
  - Ed Zipser\*
  - Ed Nowotnick\*
  - Rosimar Rios-Berrios (presenter: Naoko Sakaeda)\*
  - Svetla Hristova-Veleva\*
  - Andrea Portier (presenter: Svetla Hristova-Veleva\*)

**DAY 2**

**Morning Session 1 (8:00-10:15 AM)**

- Welcome and breakout group introduction/goals (15 min)
  - No formal breakout presentations; goal is to provide brief updates on progress, outstanding questions (science, instrumentation), ways to incorporate more remote sensing data into analysis, collaborative analysis for paper and BAMS
  - Plan to report out to full team (emphasizing specific collaborative plans and specific questions to broader group/instrument teams)
- Breakout groups 1 (2 h) (one group lead facilitating discussion, one taking notes, some dedicated to report out to full group)
  - Dust/Aerosols
  - Convective Lifecycle
  - Coastal Convection
  - Data Assimilation

**BREAK (10:15-10:45 AM)**

### Morning Session 2 (10:45-12:00 PM)

- Additional science talks (students, postdocs, etc.); 12 minutes with 3 minutes for Q&A
  - 10:45-11:00 AM: Kelly Núñez Ocasio (virtual)\*
  - 11:00-11:15 AM: Benjamin Rodenkirch (in person)\*
  - 11:15-11:30 AM: Allan Lee (in person)\*
  - 11:30-11:45 AM: Alexis Wilson (in person)\*
  - 11:45-12:00 PM: Shun-Nan Wu (in person)\*

### Lunch (12:00 PM - 1:30 PM)

- Suggest focus groups go out to lunch together to continue plans/discussions

### Afternoon Session 1 (1:30 PM - 2:30 PM)

- Breakout Group report outs (each group has 15 minutes to)
  - Including what remaining points to discuss in next breakout session

### Break and Revisit Posters (2:30-3:15 PM)

### Afternoon Session 2 (3:15-5:55 PM)

- Additional Instrument and Collaborator presentations (ONR, NOAA, CALIPSO, etc.) (15 minutes + 5 min Q&A; 4 presentations)
  - 3:15-3:35 PM: John Cooney (in person; DAWN)\*
  - 3:35-3:55 PM: Ewan Crosbie (in person; HALO)\*
  - 3:55-4:15 PM: Roman Kowch (in person; CALIPSO/Cloud-Tracking)\*
  - 4:15-4:35 PM: Todd Hutchinson (virtual; WindBorne)\*
  - 4:35-4:55 PM: Evan Fishbein (virtual; HAMSR)\*
- Remaining time (60 minutes): instrument group breakouts (goal to have informal opportunity to ask instrument mentor follow up questions about data; rotate through and chat with different instrument team representatives)
  - Post-it note board time:
    - Case example for BAMS
    - Questions for instrument teams
    - Other collaborative cases/opportunities with other groups

## **DAY 3**

### Morning Session 1 (8-10:30 AM)

- Welcome and Day 3 goals (10 min)
- Breakout groups 2 (to give opportunity for participants to attend a different group, share additional perspectives, and prepare main points to share with broader group (60 minutes PM)
- Breakout groups report out (10 minutes each; ~45 minutes total)
- Project reflections (30 min; small group discussions with optional share out to larger group)
  - Seen as a last chance to reflect on what went well in project (overall), what we learned, team building, how to collaborate going forward, etc.

BREAK (10:30-11:00 AM)

Morning Session 2 (11:00 AM - NOON)

- Meeting wrap-up
- Action Items (BAMS writing text, JATAC special issue, cadence/schedule of breakout group meetings, upcoming conference; ASSIGN TASKS)

END OF MEETING