



PREFIRE 2024 Science Team Meeting

University of Colorado, Boulder, CO

August 8-9, 2024

Thursday, August 8, 2024

Welcome and Project Status

8:30 AM – Welcome and Logistics (L'Ecuyer, Drouin, Kay)

8:40 AM – Perspectives from ESSP (Obland)

8:50 AM – Launch Update, New Zealand collaborations (L'Ecuyer and Prince)

9:10 AM – Project Status (White)

9:30 AM – SDPS Status (Michaels and Wagner)

9:50 AM – Sampling Considerations (Prince)

10:10 AM – PREFIRE Intersections and Intercalibration (Vos)

10:30 AM **Break**

Level-1 Status

10:50 AM – TIRS Performance and L1B Status (Drouin, Michaels, Miller)

Validation

11:30 AM – Geolocation/ANC-SAT (Mattingly, Bean)

11:45 AM – CrIS Comparisons (Miller)

12:00 AM – ARCSIX/Field Campaigns (Kahn, L'Ecuyer, all)

12:20 PM **Lunch (SEEC Cafeteria)**

Level-2 Product Status (Overview, first results, issues, plans)

1:30 PM – L2 Clouds (Kahn/Bertossa)

1:50 PM – L2 Atmosphere (Miller)

2:10 PM – L2 Emissivity (Z. Yang)

2:30 PM – L2 Fluxes (X. Chen)

2:50 PM – Aux Products (Mattingly)



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3:10 PM

Break

User Resources (discussion/brainstorming)

3:30 PM – Public Quicklook Imagery (Wagner/Michaels/Sletten/all)

3:45 PM – Data Guides / Quick Guides (Wagner/L'Ecuyer/all)

4:00 PM – Website (Wagner)

4:15 PM – DAAC Resources (Wagner/Michaels/all)

Spacecraft

4:30 PM – Spacecraft Status and Operations (Wofford/Drouin)

5:00 PM

Adjourn

6:30 PM Group Dinner (Chautauqua Dining Hall) Reservation for 30 people

1. Chautauqua Dining Hall - <https://www.chautauqua.com/dining/dining-hall/>. At the edge of the city of boulder and the open space. A classic place with flatiron views. I called and for 30 people we would need to ask their event coordinator. Heather Harmon. heather@chautauquadiningshall.com 303-440-4535. They may offer a more limited menu for a large group. We had the CFMIP scientific steering committee + friends (~20 people) here and it worked really well.



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FIR Missions

8:30 AM – FORUM (T. Maestri, from Italy 4:30 PM)

8:50 AM – Libera (P. Pilewskie)

9:10 AM – Historical far-infrared measurements (T. Vonder Haar)

Modeling and Analyses

9:30 AM – Simulator status and results (J. Shaw)

9:45 AM – Ice sheet modeling (N-J. Schlegel – virtual from England 4:45pm)

10:00 AM **Break**

Contributed Talks

10:30 AM – D. Feldman (TBD)

10:45 AM – MOSAiC: Response of surface fluxes to radiative forcing over sea ice (A. Sledd)

11:00 PM – Effects of Temperature-Dependent Cloud Optical Properties on Longwaver Radiation (A. Gilbert)

11:15 PM – LW radiation changes at North Slope of Alaska (L. Bertrand)

11:30 AM – NCAR/CIRES Talks/Discussion: PREFIRE Science Next Steps (All)

12:30 PM – Wrap-up (L'Ecuyer, all)

1:00 PM **Adjourn**