



PREFIRE 2022-23 Science Team Meeting

California Institute of Technology in Pasadena, CA on January 17-18, 2023

Tuesday, January 17, 2023

Welcome and Project Status

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

8:40 AM – Perspectives from HQ (Maring)

8:50 AM – Perspectives from ESSP (Obland)

9:00 AM – Project Status and SIR/PSR Outcomes (White)

9:20 AM – TIRS Performance and L1B Algorithm (Drouin)

10:00 AM Break

Level-2 Product Status

10:30 AM – L2 Clouds & properties (Kahn/Bertossa/Miller)

11:10 AM – L2 Atmosphere (Miller)

11:30 AM – L2 Emissivity (Huang)

11:50 PM – L2 Fluxes (Huang)

12:10 AM – Aux Products (Merrelli and Mattingly)

12:30 PM Lunch

Documentation, Quicklook Imagery, and Guides (slide or two each for discussion/brainstorming)

2:00 PM – ATBDs (Drouin)

2:15 PM – Data Guide / Online Guides (Wagner)

2:30 AM – Quickguides (L'Ecuyer)

2:45 PM – Quicklook Imagery (Wagner and Michaels)

3:00 PM – Discussion (All)

3:30 PM Break



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Complementary Projects (Invited Talks)

4:00 PM – SAIL (Feldman)

4:20 AM – Multi-sensor Fusion (Bowman)

4:40 PM – Libera (Hakuba)

5:00 PM – FORUM (Maestri)

5:15 PM – Discussion

5:30 PM Adjourn Group Dinner (time and location TBD)

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Modeling and Science

8:30 AM – Ice sheet modeling (Schlegel)

8:50 AM – CESM Time to emergence (Shaw)

9:10 AM – Polar energy balance (Prince)

9:30 AM – Optical properties in the far-infrared (Saito)

9:50 AM – Far-infrared radiative transfer modeling (Maestri/Martinazzo)

10:10 AM – Next steps (All)

10:30 AM Break

Calibration and Validation

11:00 AM – On-orbit Calibration and Validation Plan (L'Ecuyer)

11:20 AM – ARI Deployments in Madison (Borbas and Feltz)

11:40 AM – ARCSIX (Schmidt)

12:00 AM – Subsetting and Intercalibration (Vos and Johnson)

12:20 AM – Current/future plans (All)

12:50 PM – Wrap-up (L'Ecuyer, All)

1:00 PM Adjourn