

Agenda

6 March

- 9:00 AM Welcome by the ISSI Director and logistics
- 9:45 AM **Greg:** Summary of proposal and goals. Group discussion of plans.
- 10:30 AM **Pia:** Review of the existing TSI records and need for improvements.
- 11:15 AM **Will:** SATIRE model. Identification of questionable data periods.
- 12:00 PM Lunch
- 1:15 PM **Greg:** SI-traceability of TSI measurements. Estimated TIM uncertainties.
- 1:35 PM **André:** SI-traceable absolute value of PREMOS TSI values.
- 1:55 PM **Dick:** SI-traceable absolute value and uncertainty of ACRIM-1, 2, and 3.
- 2:15 PM **Claus:** SI-traceable absolute value and uncertainty of VIRGO (or PMO6).
- 2:35 PM **Steven:** SI-traceable absolute value and uncertainty of SOVAP, DIARAD, SARR.
- 2:45 PM **Group:** Discussion of absolute value to which composite should be based, including estimated uncertainty in this value.
- 3:30 PM **Dick:** Evaluation of records from historical TSI instruments and identification of instruments or time periods where data are most suspect.
- 4:15 PM **Claus:** Evaluation of records from all TSI instruments and identification of instruments or time periods where data are most suspect.
- 5:00 PM Afternoon refreshments, courtesy of ISSI.

Agenda

7 March

- 9:00 AM **Greg:** TSI instruments' stabilities and artifacts. TIM stability.
- 9:30 AM **Claus:** Time-dependent estimates of the uncertainties of VIRGO's stability. VIRGO "SoHO Keyhole" effect. Usage of other instruments for degradation.
- 10:00 AM **Dick:** Stability of ACRIM instruments. Estimates of time-dependent uncertainties from ACRIMs (such as SMM spin mode or ACRIM2 having higher uncertainties than other ACRIMs). Progress on removal of annual signal in ACRIM3 data.
- 10:30 AM **Steven & Sabri:** Stability of SOVAP, DIARAD, and SARR, and estimated time-dependent uncertainties.
- 11:00 AM **Wolfgang & André:** Stability and time-dependent uncertainties of PREMOS.
- 11:20 AM **Werner:** Thoughts for creating a composite by blending simultaneous measurements. Recommendations for regions where data records are suspect.
- 12:00 PM Lunch
- Afternoon **Group Discussion and Working Meeting**
- How to create a composite using blended data
 - How to account for long-term and time-dependent drifts between records
 - Estimate time-dependent uncertainties in individual records
 - Summarize periods identified as having high uncertainties or artifacts
 - Start creation of new composite from individual records
 - Set up ISSI website to share data records

Agenda

8 March

- 9:00 AM **Pia:** Analytical methods to combine data sets to form a composite.
- 9:20 AM **Will:** Analytical methods to combine data sets to form a composite and how to incorporate model (i.e. as diagnostic, or as a replacement for measurements?).
- 9:40 AM **Werner:** Perspectives on time periods of suspect data (or conflicting assessments of various data sets).
- 10:00 AM **Dick; Claus; Steven; Wolfgang; Greg:** Intended plans to improve existing (ACRIM, VIRGO, DIARAD, PREMOS, TIM) data and include time-dependent uncertainties before final meeting. (~10 minutes each)
- 11:00 AM **Group Discussion**
- Schedule of improvements to data records
 - Logistics of updating and sharing data
 - Agreement on overall method of creating composite
 - Planning of final meeting
- 12:00 PM Lunch
- Afternoon **Group Working Meeting**
- Analysis and planned resolution of discrepancies between data sets with each other or with model
 - Refinement of time-dependent uncertainties
 - Load latest instrument data to website for sharing and comparisons