

147th Hinode SSC Meeting on 18th April, 2019 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status

1. Instrument Status Review

SOT operating without its Filtergraph (FG) camera following an electronic fault. Spectro-Polarimeter (SP) and Correlation Tracker (CT) are nominal.

XRT is nominal.

EIS is nominal.

2. SSC Team Updates

SSC was saddened to learn of the passing of **Ted Tarbell** and extends sympathy to his family and colleagues. The Lockheed SOT team are planning a memorial to take place in about 1-2 months from now. It was suggested that a recognition event be held at the upcoming Hinode meeting in Japan. **Marc DeRosa** will become interim SOT PI.

Louise Harra will leave MSSL on 1st June to become Director of PMOD in Davos, Switzerland. **Sarah Matthews** will become UK/EIS PI. **John Mariska** will be reducing his work commitments during the remainder of this year. His NRL colleague **Ignacio Ugarte-Urra** will take over his role at the monthly SSC meetings.

3. Report on Changes to Instrument Telemetry Allocation

There are no further reports on telemetry allocation changes

4. FM Calendar

Hinode focus mode calendar has been updated. Upcoming sounding rocket launch dates are included.

5. HOP Prioritisation

SSC asked by **SWG** to prioritise HOPs i) with associated ground-based observations that were overlapping in a time zone and ii) in cases that generated mission telemetry use conflicts.

ACTION: Culhane to ensure that such cases were highlighted in SSC meeting notes; Ongoing

b. Previous Action Items

HOP 367 was still not run as planned; **Culhane** to discuss a possible schedule with the proposers to run before focus mode restarts on **May 20th**.

Hinode team requires a new date for the delayed **EUNIS** rocket launch.

Preparations by **DeLuca** of a HOP for support of the **AirSpec IR** eclipse observations are continuing.

c. Review/Discussion of Open HOPs and ToOs

- routine HOPs **79, 81** and **130** were run as planned during **April**; dates were agreed for **May**
- **HOP 344** was run successfully
- **NU-STAR** support HOP was run
- **EUNIS** launch date has been delayed; new launch date is uncertain but may be in **September**; Hinode team needs to be informed of new date
- Recent **Parker Solar Probe (PSP)** coordination ran more easily than the first joint observation in October/November; good data were obtained for 30th October with PSP on the front side of the sun
- **HOP 367** was not run as planned and should be rescheduled to run in **May**
- **CLASP** was successfully launched on **April 11th** and acquired excellent data; Hinode data still to be fully assessed but **XRT** data look good
- **WHPI** campaign was run successfully; detailed data assessment not yet available

d. Review of New or Updated Proposals and Scheduling of Observations

1. Characterization of Stokes Profiles at Magnetic Flux Cancellation Sites - Anjali J. JKaithakkal (anjali@leibniz-kis.de), DeRosa/Shine/SSC; HOP 372

- study evolution of Stokes profiles during magnetic flux cancellation
- target: quiet sun at disc centre
- coordinated observation with Hinode/SOT, IRIS and Gregor/GRIS; EIS and XRT support not required
- dates: **28th April** to **3rd May**; minimum of three days; consecutive days of observation not necessary; time window: 08:30 UT to 11:30 UT

2. Formation and Destabilisation of Filaments - Schmieder (brigitte.schmieder@obspm.fr), Labrosse (Nicolas.Labrosse@glasgow.ac.uk), DeRosa/Shine/SSC; HOP 373

- SOT/SP to measure the parasitic polarities in the barbs of filaments
- targets: filaments; quiescent or in active regions
- coordinated observations with SOT, EIS and with XRT for active region filaments; also coordination with THEMIS; time window: 08:00 UT to 17:00 UT; dates: **23rd September** to **4th October**
- **DeRosa, Culhane and Reeves** to check detailed Hinode requirements with proposers

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **7th May** (N pole fast) and **9th May** (S pole fast)
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **16th May**(N/S only)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **14th May**
- **Cycle 25 Bright Points - Bryans , Centeno, Savage; HOP 336**
- run on every Monday at S45 and N40; **22nd and 29th April**; **5th, 13th and 20th May**

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **SOT Team**; work is still ongoing; **Savage** will coordinate this report with **S. Tiwari**
- **NOTE**: Science chart site access has been changed due to IT requirements; **Savage** has established a new Google drive site for template and previous chart
- provide one summary slide for Hinode team management at MSFC and two additional slides for NASA HQ

f. Date of Next Meeting

- next meeting: **16th May, 2019** at **07:00 JST**; **15th May, 2019** as appropriate in US/Europe

g. AOB

The need for significant Hinode results to be available before the senior review was discussed. **Reeves** mentioned two XRT papers that would shortly be submitted for publication. High cadence XRT data from the recent CLASP flight also looked promising.