

27th Hinode SSC Meeting on 23rd April, 2009 at 07:00 JST

Short Summary, Conclusions and Actions

a. Instrument Status:

All Nominal; next SOT CCD bake-out in period May 20 – June 1 before start of main eclipse season

b. Update on SUMER Campaign Status:

Fifteen day SUMER campaign has passed the half-way mark. No major issues so far. Downlink data losses e.g. at McMurdo on 20/04/09, led to slightly reduced coverage for some planned observations and a more serious loss for HOP 106. Identifying suitable prominence targets continues to be difficult.

c. Review and Discussion of Open HOPs and ToOs:

As yet no opportunity to run AR ToO programmes

d. Review of New Proposals and Scheduling of Observations

1. Barb Threads of Quiescent Prominences/Filaments – Yong Lin (Berger)

- **HOP 73** is appropriate for this; schedule for 7 – 14 May during Oslo SST La Palma time

2. SHAZAM Magnetograph and DST Observations – DeForest (Berger); new HOP 118

- QS disc centre target; schedule 7 – 14 May during SHAZAM DST time

3. Magnetic Flux Emergence – Carlsson (Berger); new HOP 119

- AR or QS internetwork region at disc centre; schedule for 15 – 19 May during Oslo SST La Palma time

4. Helioseismic Signatures of Fast- and Slow-mode Coupling – Lindsay (Sekeii)

- **HOP 102** is appropriate for this observation; merge with HOP 102 if proposer agrees; test run to be followed by future joint observation with SDO

5. SUNRISE Balloon UV Chromosphere Observations – Schüssler (Tarbell); new HOP 120

- balloon flight of 1m optical telescope; launch from Sweden after 1st June; 5-6 day observing period; **TT to circulate** details of observation; following further discussion by SOT Team **TT will circulate** a proposed Hinode observing plan before the next SSC meeting

6. In addition to the above the continuing monthly observations with **Synoptic SOT Irradiance Scans – Berger, HOP 79 and Polar Monitoring – Shimojo, HOP 81** will be scheduled after 19th May

- **HOP 79** will require a further 8 hours for an additional equatorial scan

7. Previously planned **HOP 117** will run from 30th Apr to 6th May and **HOP 71** from 30th Apr to 3rd May

e) Other Business and Date of Next Meeting

- the EIS team is developing a flare study which will be discussed at the next SSC meeting
- next meeting on 21st May at 07:00 JST; 20th May as appropriate in US and UK.