

31st Hinode SSC Meeting on 27th August, 2009 at 07:00 JST

Short Summary, Conclusions and Actions

a. Instrument Status:

SOT nominal; XRT nominal – has specified CCD bakeout schedule to 27 May, 2010; EIS nominal – EIS e-folding time for sensitivity loss ~ 6.4 years

b. Review and Discussion of Open HOPs and ToOs

- no items this month

c. Review of New Proposals and Scheduling of Observations

1. CORE: XRT Team Coordination with TESIS – DeLuca; HOP136

- run four hours/day from October 4th to 21st; TESIS team to specify optimum times
- targets in preference order are 1) AR on disc, 2) large XBP, 3) hot plasma search at disc centre

2. CORE: EIS Team observation of Network Boundary Evolution – Warren; HOP 137

- EIS long-term programme (~ once per month) for QS conditions near central meridian (CM)
- run on 21st September; track network segment
- run during ± 0.5 days of CM; alternate slot and slit rasters to fill EIS daily TLM allocation

3. CORE: High Cadence SOT Study of H α Line Profile Wings – Tsuneta, Reardon; HOP 135

- run any time for 0.5 to 2 hours; select QS region near limb; test on 7th September
- coordinate with TRACE following initial test

4. Statistical Analysis of Magnetic fields of Network Bright Points – Roudier, Berger; HOP 95

- run on 4th and 6th September for total of 7 h at disc centre; SOT TLM limit requires two separate days

5. Cross calibration of SOT/SP Fe I 630 nm with the DST FIRS – Haosheng Lin, Berger; HOP 134

- run from 10th to 20th September with DST FIRS for SP cross calibration; 14:30 UT to 16:30 UT
- FIRS instrument test; requires one day overlap with SOT observation; Haosheng Lin to specify best day

6. Magnetic Flux Emergence; Joint campaign with CRISP/SST – Hansteen, Zuccarello; HOP 119

- run in interval 9th to 18th September – minimum of one day; 4 hour run 08:00 UT – 12:00 UT

- targets; 1) QS internetwork at disc centre; 2) AR anywhere on disc

7. CORE: Polar Helioseismology with SOT – Sekii, Tarbell; HOP 101

- run for two or three 16 hour periods in interval 25th to 27th September; **favourable solar B-angle**

8. CORE: Polar Coronal Hole Boundary Velocities – Gabriel, Harra; HOP 80

- run in week beginning 8th September; 2-3 repeats of study #368 for ≤ 12 h; **favourable solar B-angle**

9. CORE: Polar Monitoring Campaign during the Solar Cycle - Shimojo, Tsuneta; HOP 81

- run for extended period 13th to 18th September; **favourable solar B-angle**

10. Sunspot fine structures and type II spicules (with SST) – H. Watanabe, Carlsson; HOP 133

- **TOO**; needs A) sunspot or pores or B) AR/magnetic concentration on disc

- needs 2 hours/day 08:00 – 11:00 UT; 8 – 21 Oct; joint observation with SST

11. THEMIS Observations of Emerging Flux – Schmieder, Berger; HOP 132

- run in interval 23rd September to 10th October; no SUMER campaign announced; planned at July SSC

- targets; 1) Emerging flux region or faculae; 2) AR filament

12. NOTE: Phil Judge time allocation on Sac Peak IBIS

- offers IBIS high res/high cadence magnetogram observations; 2nd to 9th September; 14:30 UT -16:30 UT

13. In addition to the above, the continuing monthly observations will be

Synoptic SOT Irradiance Scans – Berger, HOP 79; 29th September (NS) and 1st October (EW)

Also as previously scheduled for 1st September (NS) and 3rd September (EW)

d. Other Business and Date of Next Meeting

- next meeting on 23rd September at 07:00 JST; 22nd September as appropriate in US and UK.