

32nd Hinode SSC Meeting on 24th September, 2009 at 07:00 JST

Short Summary, Conclusions and Actions

a. Instrument Status:

SOT nominal; XRT nominal; EIS nominal.

b. Review and Discussion of Open HOPs and ToOs

- no items this month

c. Review of New Proposals and Scheduling of Observations

1. CORE: Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; HOP 130

- EIS long-term programme (once/ three weeks): a) monitor EIS calibration for comparison with EVE on SDO, b) monitor solar cycle dependent EUV radiance at multiple temperatures, c) Public outreach images

- run on 6th and 27th October

2. CORE: XRT Team Coordination with TESIS – DeLuca; HOP 136

- 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

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

- run in interval 1st to 10th October; on-going THEMIS campaign; planned at July SSC

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

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

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

- A) sunspot or pores or B) type II spicules; can opt for B so not a ToO

5. High spatial resolution scattering polarization observations in Ti I 5644A and Na I D2 – Fischer, Berger; HOP 138

- run in interval 18th to 27th November; Dunn/IBIS campaign; optimum 14:00 UT to 16:00 UT

- observe quiet Sun targets at limb

6. ToO: Study on prominence formation and evolution by emerging flux – Okamoto, Berger; HOP 139

- requires four contiguous days observation of suitable filament; prefer ± 2 days of CMP

7. 3D structures of magnetic field at magnetic flux cancellation sites with IBIS and Hinode – Kubo, Judge; HOP 140

- run in interval 19th to 26th October; Dunn/IBIS campaign; optimum 14:00 UT to 16:00 UT

- for on-disc AR target, track AR throughout observing period; for QS region, observe a region near disc centre followed by region far from centre

8. ToO: Velocity flows in quiet sun magnetic loop footpoints – Fischer, Berger; HOP 141

- observe quiet Sun at disc centre; SOT only observation

9. In addition to the above, the continuing monthly observations

- **Synoptic SOT Irradiance Scans – Berger, HOP 79** will be scheduled for

- 1st and 29th October (EW)

- 3rd and 28th October (NS)

- **Polar Monitoring - Shimojo, HOP 81** will be scheduled for

- 30th and 31st October

d. Other Business and Date of Next Meeting

- next meeting on 22nd October at 07:00 JST; 21st October as appropriate in US and UK.