

## 188<sup>th</sup> Hinode SSC Meeting on 15<sup>th</sup> September, 2022 at 07:00 JST

### Short Summary, Conclusions and Actions

#### a. Program Status

##### 1. Instrument Status Review

SOT is nominal.

XRT is nominal

EIS is nominal.

Focused Mode calendar is updated.

##### 2. Report on Changes to Instrument Telemetry Allocation

There are no further reports on telemetry allocation changes.

No issues with the new arrangement for periods when telemetry usage is unusually high have been reported.

##### 3. FM Calendar

Currently in Normal Mode.

##### 4. 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. Action Items.

**HOP 440** team to continue check on HOP outcome; check performed following meeting  
**De Pontieu** to define final version of IRIS programme for **HOP 444**

#### c. Review/Discussion of Open HOPs and ToOs

- **HOP 336** was completed
- no new requests for Nu-STAR
- **HOP 396** will be run this week
- **HOP 440** and **441** were run; **HOP 440** outcome requires comment: performed following meeting
- **HOP 440** requires a rerun but can be delayed until Solar Orbiter coordination is concluded
- PSP coordination was good; an interesting jet was observed **5<sup>th</sup> – 6<sup>th</sup> September** by IRIS

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

Two HOP proposals were submitted to the 187<sup>th</sup> meeting for coordinated observations with Solar Orbiter

**Solar Orbiter Coordinated Observations of Long-term monitoring of an AR – Valori** ([valori@mps.mpg.de](mailto:valori@mps.mpg.de)), Parenti, Orozco Suárez, Strecker, Hirzberger, Lagg, Buchlin, Janvier, SO/PHI team, DeRosa/SSC, Shine/SSC; HOP 442

- Solar Orbiter coordinated observations of long-term monitoring of an AR

**Stereoscopic Monitoring of Active Regions Evolution in Coordination with Solar Orbiter – Parenti** ([susanna.parenti@ias.u-psud.fr](mailto:susanna.parenti@ias.u-psud.fr)), Valori, Orozco Suárez, Strecker, Hirzberger, Lagg, Buchlin, Janvier, SO/PHI team, DeRosa/SSC, Shine/SSC; HOP 443

- stereoscopic monitoring of Active Regions evolution in coordination with Solar Orbiter

It was agreed that, following further discussion and information exchange regarding Solar Orbiter coordination, these HOPs would be finally accepted and the HOP numbers assigned at the current/**September** meeting. Detailed discussions took place and the HOP numbers have been assigned as above.

Two further proposals were submitted:

**Magnetic Field Structure of Prominences, Solar Tornadoes and Spicules – Labrosse** ([nicolas.labrosse@glasgow.ac.uk](mailto:nicolas.labrosse@glasgow.ac.uk)), Schmieder ([brigitte.schmieder@obspm.fr](mailto:brigitte.schmieder@obspm.fr)), Matthews/SSC, Culhane/SSC; HOP 444

- observations of magnetic prominences in multi-wavelengths to see different structures and cavity
- submission is an update of HOP373
- SOT, EIS and XRT teams are happy with the observation requests
- De Pontieu will continue to define the final version of the IRIS programme; meantime will use the version used for HOP 373

**Searching for Non-Maxwellian Distributions with EIS and IRIS (without COMP): Coordinated Observations of Fe XII Off-limb – Dudik** ([jaroslav.dudik@asu.cas.cz](mailto:jaroslav.dudik@asu.cas.cz)), Del Zanna, Polito, Dzifcakova, Young, De Pontieu, Mason, Savage/SSC; ToO HOP 445

- Coordinated EIS/IRIS observations focused on Fe XII lines in both instruments, as well as neighbouring Fe XI and XIII for diagnostics of the non-Maxwellian kappa-distributions and electron density
- update of HOP 343
- EIS request is good; XRT request is good, will use Be filter; no SOT request
- IRIS available **19<sup>th</sup> September** to **7<sup>th</sup> October**; EIS not available **25<sup>th</sup>/26<sup>th</sup> September**
- run for two consecutive days; up to three hours each day

Continuing monthly observations are:-

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **5<sup>th</sup> October** (N pole fast) and **7<sup>th</sup> October** (S pole fast)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **4<sup>th</sup> October** and **25<sup>th</sup> October**

- **Synoptic SOT Irradiance Scans – Egeland, Centeno; CORE HOP 412**
- run on **20<sup>th</sup> October**
  
- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393**
- run every Saturday; **1<sup>st</sup>, 8<sup>th</sup>, 15<sup>th</sup>, 22<sup>nd</sup> and 29<sup>th</sup> October**

#### **Monthly Science Reports**

- next **Hinode** monthly science report will be prepared by the **EIS Team** by **14<sup>th</sup> October**
- **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: **20<sup>th</sup> October, 2022** at **07:00 JST**; **19<sup>th</sup> October, 2022** as appropriate in US/Europe

#### **g. AOB**

On-going reminder: press-worthy Hinode highlights to be sent to **Savage** prior to publication.