

## 124<sup>th</sup> Hinode SSC Meeting on 18<sup>th</sup> May, 2016 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. Bakeout is now planned for late June/early July.

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

There are no further reports on telemetry allocation changes

##### 3. ALMA

**Kobelski** reported that observations had now been completed; two papers - one with XRT and two with IRIS data, have resulted from the December, 2015 test campaign observations; ALMA data from the April, 2017 observations will be available in June

##### 4. FM Calendar

**Hinode** focused mode will begin on **23<sup>rd</sup> May, 2017** and continue to 8<sup>th</sup> August with two 1-week interruptions in June and July.

##### 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

There were no outstanding action items.

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

- routine **HOPs 130, 79 and 81** were run as planned during **April**.
- **HOP 279** was successful; data analysis is in progress.
- **HOP 335** was run successfully
- **HOP 336** will continue its weekly runs until **29<sup>th</sup> May**
- **HOP 307** should be run during focussed mode; based on **IRIS** schedule **De Pontieu** will suggest dates to **Hinode** team

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

**1. Diagnostics of Solar Photosphere to Chromosphere Coupling - Utz ([dominik.utz@uni-graz.at](mailto:dominik.utz@uni-graz.at)), Kuckein, Denker, Balthasar, Verma, Manrique Gonzalez, Ichimoto, Gömöry, Koza, Bellot-Rubio, Orozco-Suarez, van Doorselaere, Magyar, Vargas Dominguez, Guo, Wedemeyer-Böhm, Kato, Temmer, Hofmeister, Campos-Rozo, Williams, Culhane/SSC ([j.culhane@ucl.ac.uk](mailto:j.culhane@ucl.ac.uk)); HOP 338**

- aim: investigate the magnetic coupling from the photosphere to higher layers by tracking magnetic bright point evolution and the resulting fibril and mottle structures
- target: quiet sun slightly away from disc centre to avoid projecting structures on top of bright points; request small pore within FoV to aid alignment
- target to be coordinated with Gregor, VTT and IRIS
- observation interval: **20<sup>th</sup> - 30<sup>th</sup> September**; optimum observing interval: **09:00 UT - 13:00 UT** to coincide with best Gregor and VTT seeing conditions; prolong to **14:00 UT** for full IRIS support
- details of **EIS** studies to be agreed and studies validated on EIS simulator
- **XRT** support request unclear; **Reeves** to contact proposers for clarification
- **SOT** support request is acceptable; **SOT** team requests that the phrase “slightly out of the disc centre” be clarified
- **IRIS** team (**De Pontieu**) requests that the required IRIS observations be specified in detail

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **6<sup>th</sup> June** (N pole fast); **8<sup>th</sup> June** (S pole fast); runs during focused mode
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **15<sup>th</sup> June** (N/S only); runs during normal mode
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **30<sup>th</sup> May** and **20<sup>th</sup> June**; runs during focused mode

#### **e. Monthly Science Reports**

- next **Hinode** monthly science report will be prepared by the **EIS Team** by **9<sup>th</sup> June**
- see [http://hinode.msfc.nasa.gov/science\\_charts/](http://hinode.msfc.nasa.gov/science_charts/) for template and previous chart

#### **f. Date of Next Meeting**

- next meeting: **22<sup>nd</sup> June, 2017** at **07:00 JST**; **21<sup>st</sup> June, 2017** as appropriate in US/Europe

#### **g. AOB**

There was no further business.