

# **EVE Space Weather and Operations Workshop**

## **October 6-8, 2010**

### **Wednesday, October 6**

**1:00 - 5:00 pm**

Welcome and Workshop Goals - *Frank Eparvier*

#### ***Session 1: EVE Status***

Goal: State of the EVE instrument and Data Products

- SDO Project Status – *Phil Chamberlin*
- EVE Instrument & Science First Results – *Tom Woods, Rachel Hock, & Frank Eparvier*
- ESP Status and Degradation – *Leonid Didkovsky*
- MEGS Degradation Issues – *Tom Woods, Rachel Hock, & Frank Eparvier*
- EVE Operations – *Karen Bryant*
- EVE Sounding Rocket Results – *Frank Eparvier*
- EVE Data Validation – *Frank Eparvier*
- EVE Data Processing Status – *Don Woodraska*
- EVE Space Weather Data Product Status – *Chris Jeppesen*
- Producing S10 or SEM-like products from EVE data – *Andrew Jones*

### **Thursday, October 7**

**8:30 am - Noon**

#### ***Session 2: EVE and Space Weather Science***

Goal: Ascertain the needs and desires of the Geospace and Space Weather Science Community for EVE data

- The USU / GAIM Perspective – *Kent Tobiska*
- The NOAA Perspective – *Tim Fuller-Rowell / Mihail Codrescu*
- ESP Particle Detection, Removal, & Science – *Seth Weiman*
- Other Perspectives and Science Results – *Cissi Ying-tsen Lin*
- Discussion of how EVE can meet the SWx Science needs

**Noon - 1:30 pm** – BBQ lunch at LASP with the people who built EVE

**1:30 pm - 5:00 pm**

#### ***Session 3: EVE and Space Weather Operations***

Goal: Ascertain the needs and desires of the Space Weather Operations Community for EVE data

- ESP Flare Location – *Andrew Jones*
- EVE from the SWPC Perspective – *Rodney Viereck*
- EVE from the SET Perspective – *Kent Tobiska*
- Synergy of EVE data with other SDO instruments – *Frank Eparvier*
- Discussion of how EVE can meet SpWx Operational needs

**Friday, October 8**

**8:30 am - Noon**

***Session 4: On-going EVE Planning and EVE Operations***

Goal: Make firm plans for EVE operations and data processing

- Continued discussion
- Future meetings and papers
- Summarize workshop results and action items