



# *STEREO*

## *Science Working Group*

### *Meeting Telecon No. 22*

*2011 April 14*



# *Agenda update (if needed)*



# Outline

- Upcoming events
- Science news stories
- Financial status (NASA)
- Future meetings and telecons





# STEREO Science News Stories

- Prominence eruption (National Geographic Website, 2010•04)
- Sungrazing comet (SECCHI COR1, MLSO; 2010•04)
- 3-D observations of coronal wave (Veronig *et al.* 2010, *ApJ*, 716, L57; 2010•06)
- Earthward-directed CME (nasa.gov Website; 2010•08)
- “Zig-zagging solar storms” (Byrne *et al.* 2010, *Nature Comm.*, 2010•09)
- Mercury ion tail (**EPSC paper**; 2010•09)



# *STEREO Science News (II)*

- Preview of opposition (lithograph; 2010•10)
- Solar Stormwatch's first big earth-directed CME (nmm.ac.uk press release; 2010•12)
- Opposition “teaser trailer” (YouTube; 2011•02)
- Opposition/Sun 360 ([nasa.gov/mission\\_pages/stereo](http://nasa.gov/mission_pages/stereo) Website; 2011•02)
  - ▶ Outstanding visualizations
  - ▶ Excellent work by panelists (who never got to be on a press conference panel)
  - ▶ Lots of hits internationally, on Web, on US TV news



# STEREO Science News (IV)

- The less than good news
  - ▶ EPSC press release was sent to us < 8 hours before release
    - We can do much more and get *much broader coverage* for a good science story if we get involved earlier
  - ▶ We pooched potentially even broader coverage of the opposition/Sun 360
    - Lesson learned: we need to get everyone, all PI team members, all our friends at HQ, on the same page with respect to “embargos”
  - ▶ All these stories, numerous as they were, concerned remote sensing/imaging data
    - *We must be able to tell compelling stories to the scientifically interested public concerning discoveries with in situ/non-imaging instruments*
    - We can work with NASA creative people to create effective visualizations



# STEREO Science News (V)

- The really good news
  - ▶ We have excellent support within NASA
    - Outstanding heliophysics science writers
    - Amazing visualization producers
    - Distribution to currently popular channels (e.g. YouTube, Twitter)
    - Ardent interest at NASA HQ PAO (“We want to be the first to break any solar storm story.”)
    - Really good material provided by panelists for the Sun 360 event
  - ▶ We have excellent support internationally
    - Sun 360 events in France, Greece, and elsewhere







# *Financial status*

- Multiple “continuing resolutions” (CRs) instead of a budget for US fiscal year 2011
  - ▶ Through March 31 (midway in FY), we had received only 37% of our budget (not including APL share) for the year
  - ▶ As of April 8, additional funds brought that up to 50%
- What happens next?
  - ▶ Really, anybody’s guess
  - ▶ So far, NASA space science has not been a target
  - ▶ PI funds being augmented as they run out
  - ▶ Next critical event: new task order contract that includes SSC personnel fractional FTE’s (Bill, Alex, Marc, Joe H.)



# Financial status (II)

- Normalized funding available for “data analysis” (PI’s, SSC, NASA Co-I’s)

Year	FY11	FY12	FY13
Absolute \$	1.0	0.986	0.929
With inflation (projected)	1.0	0.966	0.910

- Assumes inflation remains at current rate of 2.1%





# Future meetings

- STEREO-4: The Sun 360
  - ▶ Kiel, Germany, 2011-07-25 - 29
    - Christian-Albrechts-Universität
    - <http://ulysses.physik.uni-kiel.de/sun-360/>
    - In conjunction with SDO and SOHO
    - Thanks to Bernd and colleagues for organizing
- This is our first SWG telecon
  - ▶ Need feedback: what did we do wrong, OK; how could we do better; frequency?
  - ▶ Should we continue this way?
  - ▶ Do we need face-to-face “executive” meetings, e.g. at Kiel?