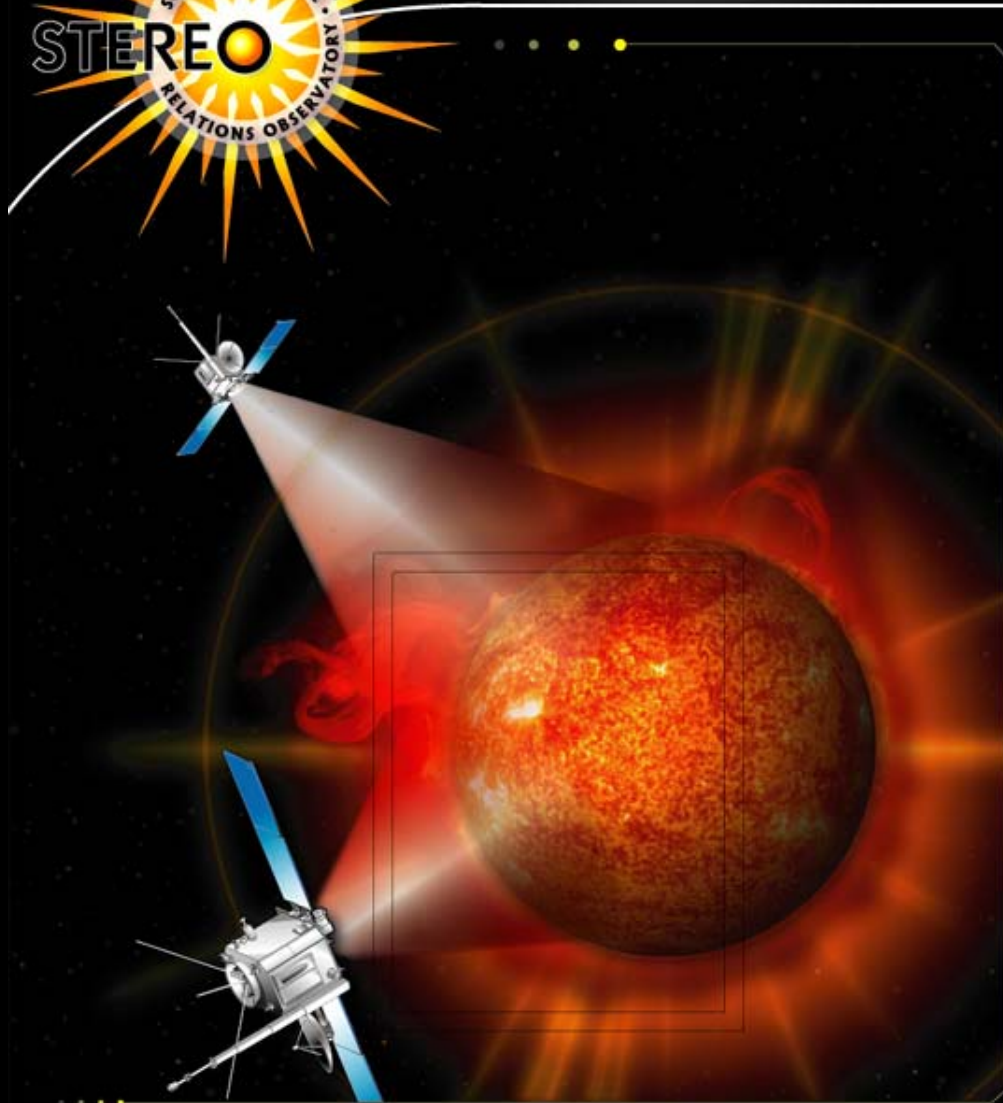


THE SUN LIKE IT'S NEVER  
BEEN SEEN BEFORE!  
..IN 3D..



STEREO SWG #18

April 20-22, 2008

Observatoire de Paris

Meudon, France

# STEREO SWG#18

April 20-22, 2008 - Meudon, France

Sunday April 20 1:30 PM

**Registration (badges and lunch tickets)**

J.-L. Bougeret – Welcome & announcements  
M. Kaiser et al. -- Project Status  
Holmes/Christian – Headquarters status  
W. Thompson – STEREO Science Center  
**Coffee break 4:00 – 4:30**  
R. Denissen/A. Driesman -- Spacecraft status  
Webb/TBD – space weather beacon and science  
Instrument status -- 15 min/team  
STEREO – The Book  
Future meetings

Monday April 21 8:30 AM

**Registration (badges and lunch tickets)**

**9:00 Interplanetary/solar wind**

**Chairs- Aschwanden/Linker**

Kinetic props & charge state abund in s.w.  
Solar wind bulk V variation  
Solar wind structure & source mapping  
Dec. 2006 solar particle events  
Proton entropy enhancements  
HI obs of corotating streams

**Coffee break 10:30**

Suprathermal ion comp in CIRs  
Recurrent CIR-accelerated ions: SEPT  
Comp. at solar wind interfaces  
Superthermal tails of Fe & O  
Electron obs. during reconnection & halo depletion  
Plasma and SEP simulations

**Lunch 1:00-2:30**

**Chairs-Mueller-Mellin/Galvin**

Shock structure  
2-D hybrid sim of reforming shocks  
Mirror mode storms&ULF waves  
Correlations of mag. field & density turbulence  
Langmuir wave polarization

**coffee break 4:00**

Local & extended Langmuir waves  
Coronal & IPL structures assoc w. type III  
Type III directivity and energy  
Radio monitoring of solar activity

**5:30 PM End Day 1**

**Reception 7:30 PM old observatory**

Bochsler et al.  
Opitz et al.  
Luhmann et al.  
Mewaldt et al.  
Simunac et al.  
Rouillard

Bucik et al.  
Muller-Mellin et al.  
Galvin et al.  
Popecki et al.  
Lavraud et al.  
Gombosi et al.

Russell et al.  
Cairns/Yuan  
Russell et al.  
Bale  
Malispina/Ergun

Cairns et al.  
Pick et al.  
Bonnin et al.  
Kerdran et al.

**(downtown  
Paris)**

Tuesday April 22 9:00 AM

**Miscellaneous**

**Chairs-Vourlidis/Howard**

ENAs from heliosphere  
Upstream particle events  
Foreshock electron beams & ion event  
Dust  
Interplanetary mag flux enhancements

**Coffee break 10:30**

Dynamics of magnetospheric tail  
Terrestrial rotation influence on AKR  
In situ data usage  
Solar cycle status

**Coronal/CMEs/flares**

Solar signatures May 07 event  
Stereoscopic analysis May 2007  
Hinode obs. Of May 2007 event

**Lunch 1:00-2:30**

**Chairs-Luhmann/Bougeret**

3D geometry and hydrodynamics of flares  
Solar flares: STEREO & RHESSI  
CME propagation direction: COR1  
Forward modeling of CMEs  
Dec 31st CME: Inverse reconstruction

**Coffee break 4:00**

Electron density 1.5 to 4 R<sub>sun</sub>  
Altitude of solar filaments  
MHD modeling for SECCHI/IMPACT

**5:30 End day 2**

Wang et al.  
Klassen et al.  
Pulupa/Bale  
Kaiser et al.  
Russell et al.  
Sauvaud et al.  
Panchenko et al.  
Schroeder et al.  
St. Cyr /Xie  
Li/Luhmann  
Liewer et al.  
Culhane et al.

Aschwanden  
Krucker et al.  
Mierla et al.  
Thernisien et al.  
Antunes et al.  
Kramar et al.  
Artzner  
Mikic et al.

**Senior Review  
for  
FY09-FY12  
(Oct 2008-Sept 2012)**

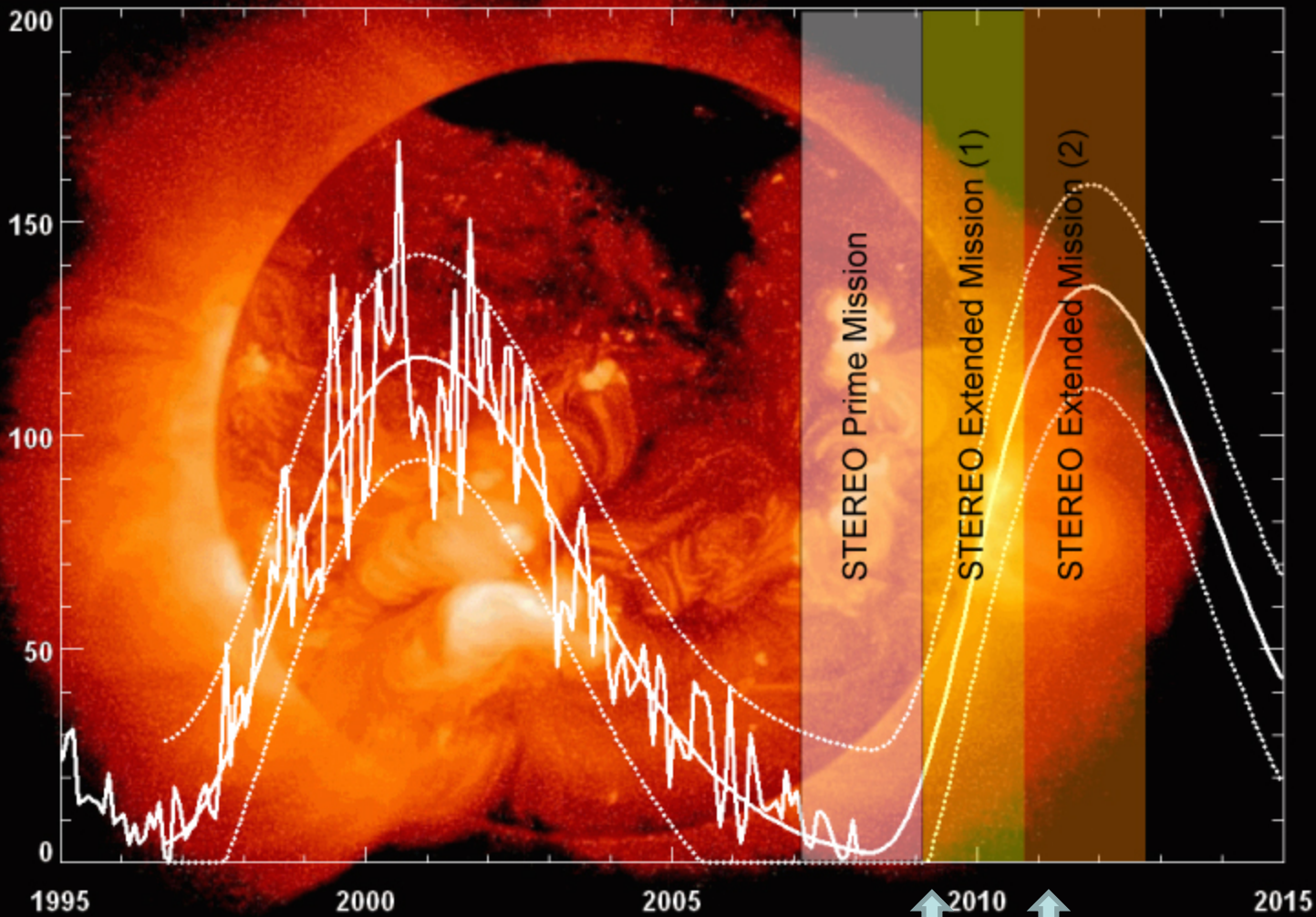
**Proposals submitted Feb 21, 2008**

<http://stereo-ssc.nascom.nasa.gov/publications.shtml>

**Oral presentation April 9, 2008**

(Kaiser, Luhmann, Thompson)

Cycle 23-24 Sunspot Number Prediction (March 2008)

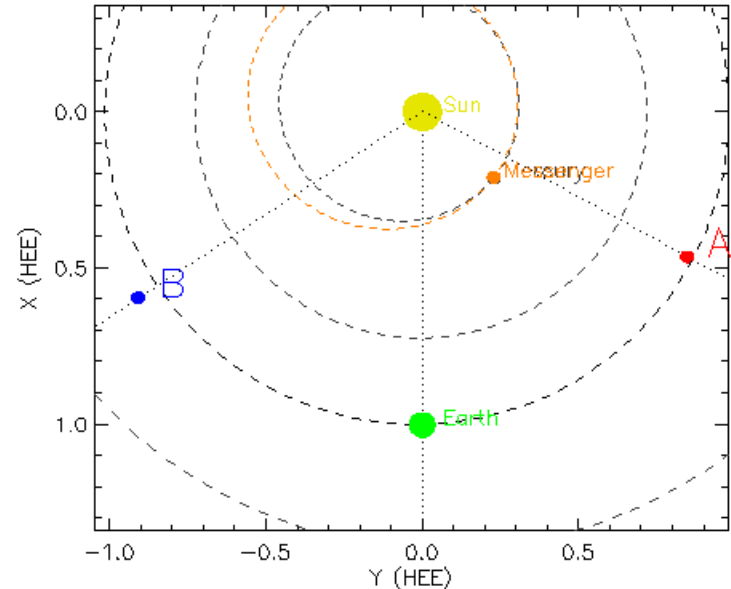


NASA/MSFC/Hathaway

# STEREO Upcoming meetings/events

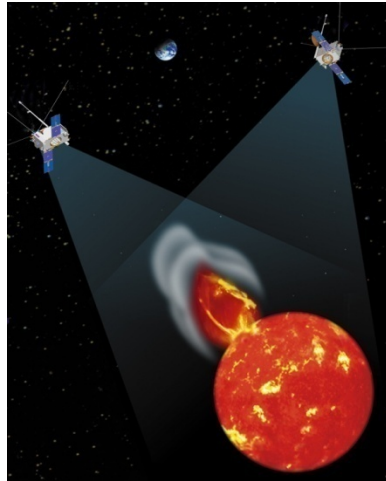
<http://stereo-ssc.nascom.nasa.gov/meetings.shtml>

- Fall SWG 'at' NRL Nov TBD
  - Science discussion centered around a few specific events
  - Increasing calls for more open meetings
- Open workshop Spring 2009 Soho 22/STEREO ? (England?)
  - “Three eyes on the corona, and the in situ consequences at 1 AU”
- Interest in a JGR special issue?
- Lagrange point passage Fall 2009



# STEREO – The Book

- All papers in and published on-line (SECCHI?)
- Book publisher actively working on it
  - Project to buy ~400 copies
    - All co-authors will get a copy
  - If others want to join in order, about \$63 USD/book



Likely cover illustration