

STEREO SWG#18

April 20-22, 2008 - Meudon, France

Sunday April 20 1:30 PM

Registration (badges and lunch tickets)

2:00 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

6:00 end SWG

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

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

Coffee break 10:30

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

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

Lunch 1:00-2:30

Chairs-Mueller-Mellin/Galvin

Shock structure
2-D hybrid sim of reforming shocks
Mirror mode storms&ULF waves
Langmuir wave polarization

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

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

Cairns et al.
Pick et al.
Bonnin et al.
Kerdraon et al.

5:30 PM End Day 1

Reception 7:30 PM old observatory

**(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

Wang et al.
Klassen et al.
Pulupa/Bale
Kaiser et al.
Russell et al.

Coffee break 10:30

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

Sauvaud et al.
Panchenko et al.
Schroeder et al.
St. Cyr /Xie

Coronal/CMEs/flares

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

Li/Luhmann
Liewer et al.
Culhane et al.

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

Aschwanden
Krucker et al.
Mierla et al.
Thernisien et al.
Antunes et al.

Coffee break 4:00

Electron density 1.5 to 4 R_{sun}
Altitude of solar filaments
MHD modeling for SECCHI/IMPACT

Kramar et al.
Artzner
Mikic et al.

5:30 End day 2