

**Atelier PNST**  
**Semaine de l'Astrophysique Française 2008**  
Lundi 30 juin 2008, site Universitaire de Tolbiac, Paris

<b>09h00–09h45</b>	<b>Héliosphère</b> Président : Michel Moncuquet	
09h00 – 09h30	<b>Karine Issautier</b>	La mission spatiale Ulysse: la fin d'une odyssée
09h30 – 09h45	<b>Pierre Henri</b>	Wave coupling in the solar wind during a type III (STEREO)
<b>09h45–11h00</b>	<b>SESSION POSTERS (voir le tableau ci-dessous)</b> <b>et</b> <b>PAUSE</b>	
<b>11h00–12h30</b>	<b>Relations Soleil Terre: interface physique et couplage de codes</b> Président: Guillaume Aulanier	
11h00 - 11h25	<b>Alan Sacha Brun</b>	The physical interface and code coupling project in solar physics: a first step toward linking the inner and outer solar magnetism
11h25 – 12h45	<b>Laurène Jouve</b>	Flux emergence in a 3D spherical convective shell: the role of surface boundary conditions
12h45 – 12h10	<b>Roland Grappin</b>	Coupling two MHD domains : the case of solar dynamo and corona
12h10 – 12h30	<b>Sophie Masson</b>	Flux emergence, MHD reconnection and accelerated particles
<b>DEJEUNER</b>		
<b>14h00–15h45</b>	<b>Relations Soleil Terre: Influence du Soleil sur la thermosphère et l'ionosphère</b> Présidente : Chantal Lathuillère	
14h00 - 14h30	<b>Michel Parrot</b>	Le micro-satellite DEMETER: 4 ans en orbite
14h30 - 15h00	<b>Elisabeth Blanc</b>	TARANIS: a microsatellite project dedicated to the study of impulsive transfers of energy between the Earth atmosphere, the ionosphere and the magnetosphere
15h00 - 15h30	<b>Gérard Thuillier</b>	The PICARD Mission
15h30 – 15h45	<b>Sylvaine Turck-Chièze</b>	The GOLF-NG first light: a new exploration of the solar atmosphere
<b>PAUSE</b>		

<b>16h15–17h45</b>	<b>Protubérances</b> Présidente : Karine Bocchialini	
16h15 – 16h45	<b>Thierry Roudier</b>	Photospheric Flows around a quiescent filament, effects on filament destabilization
16h45 – 17h00	<b>Frédéric Auchère</b>	Ejections Coronales de Masse: premiers résultats de STEREO
17h00 – 17h15	<b>Frédéric Paletou</b>	The magnetic field of solar prominences
17h15 – 17h30	<b>Brigitte Schmieder</b>	Role of the helicity in the filament formation
17h30 – 17h45	<b>Sylvie Sahal-Bréchet</b>	Possible creation of net circular polarization and not only depolarization of spectral lines by isotropic collisions

## SESSION POSTERS

P1	<b>Raphaël Attié</b>	Explosive events in the not-so-quiet Sun : the Hinode view
P2	<b>Carine Briand</b>	Bipolar electrostatic structures in the solar wind (STEREO)
P3	<b>Eric Buchlin</b>	Turbulence in anisotropic MHD plasmas
P4	<b>Iannis Dandouras</b>	Detection of a plasmaspheric wind in the Earth's magnetosphere
P5	<b>Vincent Duez</b>	Impact of Large-Scale Magnetic Fields on Solar Structure
P6	<b>Sébastien Galtier</b>	Extension of the Kolmogorov 4/5's theorem to Hall-MHD with an application to the solar wind
P7	<b>Catherine Grec</b>	The 630 nm Fe I line formation depths measured by interspectral analysis with SOT instrument
P8	<b>John Leibacher</b>	Low-Frequency Solar p Modes in Spatially Resolved Observations using m-Averaged Spectra
P9	<b>Christian Mazelle</b>	Non stationarity of quasi-perpendicular collisionless shocks: comparison between observations and simulations
P10	<b>Rui Pinto</b>	Time-Dependent Hydrodynamical Simulations of Slow Solar Wind, Coronal Inflows, and Polar Plumes
P11	<b>Rui Pinto</b>	Magnetic reconnection by alfvén waves
P12	<b>Nicole Vilmer</b>	Electron Acceleration in connection with Long Duration Radio Emissions.

