



DIPARTIMENTO DI FISICA "E.Fermi"
UNIVERSITÀ DI PISA
LARGO PONTECORVO, 3 - Edificio B-C
56127 PISA - ITALY

Ciclo di lezioni per il
CORSO DI DOTTORATO IN
FISICA e FISICA APPLICATA



Laboratoire d'Études Spatiales et d'Instrumentation en Astrophysique

Dr. C. Briand
Observatoire de Paris
LESIA, France

**The heliosphere as a laboratory of space
plasma: physical processes and observations**

The interplanetary medium and the planet magnetospheric environment are wonderful laboratories of plasma physics. During the first lecture, we will give some examples of plasma processes taking place in the heliosphere. Now, to test the validity of the theory, observations are mandatory. During the three next lectures, we will detail what ground-based observations can teach each (in several range of frequencies including the radio domain) and the basis of a space instrumentation. Finally, a specific lecture will be devoted to the Sun-Earth relationship.

Lunedì 22, Martedì 23, Mercoledì 24,
Giovedì 25 e Venerdì 26 Febbraio 2010

Ore 15:00 - Aula 250 - Piano Primo - Ed. C