

**Lectures in Belgrade : 12 to 15 May 2009-03-15**

Tuesday 12 May : The solar corona I (1.5 hours)

Structure, thermodynamics. The Solar activity, Flares, Coronal Mass Ejections

Wednesday 13 May : The solar corona II (1.5 hours)

Solar radio emissions, particle acceleration and interaction with the ambient medium, Space Probes observations

Thursday 14 May : The Solar Wind I (1.5 hours)

Main observational characteristics, Space Probes observations

The Parker model : introduction and general problems

Friday 15 May : The Solar Wind II (1.5 hours)

Kinetic aspects of the Solar Wind, Non thermal distributions, exospheric models, instabilities and turbulence