Mars Interaction with the Solar Wind Report
of August 1, ISSI Team Workshop

Daniel Winterhalter
Jet Propulsion Laboratory, California Institute of Technology,
Pasadena, CA

From both the Mars Global Observer (MGS) mission and the earlier Phobos mission much information about the Mars/solar wind interaction has been disseminated, and each community is producing descriptions and vocabularies mirroring both the capabilities and limitations of their respective mission. A week-long workshop was held last October at the International Space Science Institute (ISSI) in Bern, Switzerland, which concentrated on the Solar Wind/Mars interaction, with the goal to integrate the results from the Phobos 2 mission with those from MGS.

A synopsis of the meeting results will be presented highlighting the much improved understanding of the interaction process. Included are results from the remnant field considerations, the day side and night side dynamic processes, and the upstream solar wind processes.