

Solar Probe: Follow-On to SOHO

B. T. Tsurutani, (Jet Propulsion Laboratory, California Institute of Technology, Pasadena, CA 91109)
e-mail: btsurutani@jplsp.jpl.nasa.gov)

Solar Probe is now in the NASA X2000 line and is scheduled for launch in 2006. It is a robust mission capable of a full set of in situ plasma and field, disc imaging/magnetograph, and coronal imaging instruments. The mission will be described in detail. We hope to learn from SOHO of any new, out-standing scientific questions concerning coronal heating and solar wind acceleration such that the SP instrumentation can be updated. The Solar Probe pole-to-pole trajectory is designed to get full latitudinal coverage to resolve issues concerning all types of solar wind acceleration.