
D. Space Plasmas in the Solar System, Including Planetary Magnetospheres

Sub-Commission D1 on the Heliosphere

Sub-Commission D2/E3 on the Transition from the Sun to the Heliosphere

Sub-Commission D3 on Magnetospheres

Sub-Commission C5/D4 on Theory and Observations of Active Experiments

The Commission operates by setting up Sub-Commissions to tackle specific tasks. In defining these tasks, no particular effort is made to cover, simultaneously, the whole range of topics involving space plasmas. Rather, an attempt is made to deal more efficiently with selected areas.

- Overview Talks
- GCR
- Large Scale Heliosphere
- Pickup Ions in the Heliosphere and Beyond
- Propagation of Solar Energetic Particles in the Heliosphere
- Space Climate
- Solar Probe and SoLO
- Thermal and Dynamic Plasma Instabilities on Multiscales: From Laboratories to Planets, the Sun/Stars, Galaxies, and Beyond
- Sun-Heliosphere Connection Events: Origin, Propagation, Impact and Prediction
- Nonthermal Particles in the Inner Heliosphere: Origin and Consequences
- Highlights of Magnetospheric Plasma Physics
- Cross-scale Coupling and Multi-point Observations in the Magnetosphere
- Non-thermal Distributions in Space Plasmas and their Role in Wave Generation, and Heating and Acceleration of Particles
- Plasma Transport across Magnetospheric Boundaries
- Particle Acceleration and Loss in the Earth and Planetary Magnetospheres
- Magnetotail Dynamics and Substorms during Storm and Non-storm Time
- Imaging of the Magnetosphere