

Heliophysics Summer School 2019 Topics

"Heliophysics Exploration"

- Heliophysics Core (SW & ITM focus)
- Basics: kinetic theory
- Basic: magnetic reconnection
- Solar wind: structure & turbulence
- Solar wind: particle distribution functions
- Magnetosphere: reconnection & substorms
- Planetary magnetospheres
- Ionosphere: small scale structure & dynamics
- In situ instruments & measurements
- Orbital dynamics