

Heliophysics Summer School Schedule, 2019: "Heliophysics Exploration"

Day	Tuesday, July 23rd	Wednesday, July 24th	Thursday, July 25th	Friday, July 26th	Saturday, July 27th	Sunday, July 28th	Monday, July 29th	Tuesday, July 30th
8:30-10	Introduction: Amitava/Gross	Core Lecture 2: Kinetic Theory; Amitava	Core 3: ITM Focus: Dana	Magnetosphere: reconnection & substorms, Part 2: Ergun	In situ instruments and measurements: Sample	Day Off	Ionosphere 1: Immel	Big Data: Lika
10-10:30	Break	Student talks and Break	Student Talks and Break	Student Talks and Break	15 min break		Student Presentations and Break	
10:30-Noon	Core Lecture 1: Solar/Solar Wind Dana	SW: Particle Distribution Functions; Chandran	Basic: magnetic reconnection	Lab 3a: Magnetospheres	Student Talks and Poster Session		Lab 4a: Ionosphere Lab 1	Career Panel
Noon - 1:30	Lunch	Student Talks and Lunch	HAO Tour and Lunch	Student Talks and Lunch	Afternoon Off		Student Presentations and Lunch	
1:30-3:00	SW Structure and Turbulence: Chandran	Lab 2a: Solar wind Lab	Magnetosphere: reconnection & substorms, Part 1: Ergun	Lab 3b: Magnetospheres			ionosphere 2: Immel	Debrief and Commencement
	Break 15 min break	15 min break	Student Talks and Break	Student Talks and Break				
3:30-5:00	Lab 1: Event Analysis (Run 2 hours till 5:30)	Lab 2b: Solar wind Lab	Planetary Magnetospheres: Bagenal	Orbital Mechanics: Dana			Lab 4b: Ionosphere Lab 2	

After Hours Opening Reception

Reception at Mesa Lab

- Programatic
- Core
- Invited
- Labs