

2012 Schedule

Heliophysics Summer School: Year 6

Updated 05/02/12

		Lecturers
Thursday: May 31st		
8:30 - 10:00 am	Welcome	Dana Longcope
	Overview of Heliophysical Exploration	Daniel Baker
10:30 - 12:00pm	Basic Plasma Concepts and Models	Amitava Bhattacharjee
1:30 - 3:00	The Earth's Magnetosphere <i>Volume 1 (Chapters 10, 11)</i>	John Dorelli
3:30 - 5:30	Lab I	
6:30 - 8:00	<i>Welcome Reception for Students, Faculty and Guests at the Mesa Lab</i>	
Friday: June 1st		
8:30 - 10:00 am	Magnetic Reconnection <i>Volume 1 (Chapters 4, 5), Volume 2 (Chapters 5, 6)</i>	Amitava Bhattacharjee
10:30 - 12:00pm	Recitation and Homework Review	John Dorelli
1:30 - 3:00	Radiation Belts <i>Volume 2 (Chapter 11)</i>	Yuri Shprits
3:30 - 5:30	Lab II	
Saturday: June 2nd		
8:30 - 10:00 am	Substorms <i>Volume 2 (Chapters 10, 12)</i>	Eric Donovan
10:30 - 12:00pm	Recitation and Homework Review	Bhattacharjee/Shprits
1:30 - 3:00	The Societal Impacts of Space Weather	Sten Odenwald
3:30 - 5:30	Space Weather and Its Economic Impact	Odenwald/Schrijver
Monday: June 4th		
8:30 - 10:00 am	The Solar Atmosphere <i>Volume 3 (Chapter 2), Volume 2 (Chapters 5, 6)</i>	Karel Schrijver
10:30 - 12:00pm	Recitation and Homework Review	Eric Donovan
1:30 - 3:00	Chromospheric Dynamics <i>Volume 1 (Chapter 12)</i>	Philip Judge
3:30 - 5:30	Lab III	
Tuesday: June 5th		
8:30 - 10:00 am	The Solar Wind <i>Volume 3 (Chapter 8)</i>	Justin Kasper
10:30 - 12:00pm	Recitation and Homework Review	Schrijver/Judge
1:30 - 3:00	Turbulence and Heating <i>Volume 1 (Chapter 7)</i>	Benjamin Chandran
3:30 - 5:30	Lab IV	
Wednesday: June 6th		
8:30 - 10:00 am	Shocks <i>Volume 2 (Chapters 7, 8)</i>	Dana Longcope
10:30 - 12:00pm	Recitation and Homework Review	Kasper/Chandran
1:30 - 3:00	The Impact of Space Weather on the Electric Power Grid	David Boteler
3:30 - 5:30	Lab V	
5:30 - 7:00	<i>Farewell Dinner for Students, Faculty and Guests on the Center Green Patio</i>	
Thursday: June 7th		
8:30 - 10:00 am	The Ionosphere <i>Volume 1 (Chapter 12), Volume 3 (Chapter 13)</i>	Jan Sojka
10:30 - 12:00 pm	Recitation and Homework Review	Dana Longcope
1:30 - 3:00	Establishing the Economic Impacts of Space Weather	Kevin Forbes
3:30 - 5:30	Closing Discussions & Student Feedback	