

SHINE 2005

Workshop Program

Working Groups: WG1 – Solar WG2 – Interplanetary WG3 – Energetic Particles

Sunday, July 10

SHINE student day – STUDENTS and INVITED SPEAKERS ONLY!

07:00	Breakfast	
08:30	Welcome/Opening remarks	Pete Riley
08:45	SHINE Logistics	Nat Gopalswamy
09:00	Review Talk 1	Bob Lin, RHESSI
10:00	Coffee Break	
10:30	Review Talk 2	Spiro Antiochos (WG1)
11:30	Student Talk 1 <i>Supergranulation Waves in the Subsurface Shear Layer</i>	Christina Green (WG1)
11:45	Student Talk 2	TBA (WG2)
12:00	Group Lunch	
13:30	Review Talk 3	Thomas Zurbuchen (WG2)
14:30	Student Talk 3 <i>Identifying and Distinguishing ICMEs and Stream Interaction Regions (SIRs)</i>	Lan Jian (WG2)
14:45	Student Talk 4 <i>Magnetic Clouds and Their Geoeffectiveness</i>	Cynthia Lopez-Portela (WG2)
15:00	Coffee break	
15:30	Review Talk 4	Christina Cohen (WG3)
16:30	Student Talk 5	TBA (WG3)
16:45	Student Talk 6	TBA (WG3)
17:00	Adjourn	
17:30	Group dinner	
21:30	Informal social time	

Monday, July 11 (chair: Allan Tylka)

07:00	Breakfast	
08:30	Opening remarks	Riley/Gopalswamy
08:45	Agency talks: NSF	Paul Bellaire
09:00	Agency talks: NASA	Lika Guhathakurta
09:15	Agency talks: CCMC	Michael Hesse
09:30	Overview of Campaign Events	Dave Webb
09:45	Poster Overview	Joan Burkepile
10:15	Coffee break	
10:30	Description of working group (WG) sessions	
	WG 1: Solar	Plunkett/Abbett
10:45	WG 2: Interplanetary	Richardson/Roussev
11:00	WG 3: Energetic Particles	Desai/Giacalone
11:15	Invited paper: <i>The importance of subsurface magnetic field structure and evolution</i>	George Fisher
12:30	Lunch break	
14:00	Working Group Sessions	
	WG1: <i>Sub-surface Evolution</i>	Abbett/Plunkett
	WG2: <i>Are CMEs Driving the Solar Wind at Maximum or Along for the Ride?</i>	Richardson/Roussev
	WG3: <i>Sources of Suprathermal Ions in the Solar Corona and the Interplanetary Medium</i>	Desai/Giacalone
15:15	Break	
15:45	WG sessions continue	
17:00	Welcome reception and Posters	

Tuesday, July 12 (chair: Terry Forbes)

07:00	Breakfast	
08:30	Plenary: Working Group Summaries	WG Leaders
09:00	Invited paper: <i>Shocks and particle acceleration</i>	Marty Lee
09:45	Working Group Sessions	
	WG1: <i>Numerical Models of CME Initiation</i>	Plunkett/Abbett
	WG2/WG3: <i>Modeling and Observations of IP shocks, (I)CMEs and SEPs – part 1</i>	Richardson/Roussev
10:30	Coffee break	
10:45	WG sessions continue	
12:30	Lunch break	
14:00	Working Group Sessions	
	WG1/WG2: <i>Origin and Evolution of the Solar Wind</i>	

Roussev/Abbett
WG2/WG3: *Modeling and Observations of IP shocks, (I)CMEs and SEPs* – part 2
Richardson/Giacalone

15:15 Break
15:45 WG sessions continue
17:00 Poster session with refreshments
19:00 Adjourn

Wednesday, July 13 (chair: Pete Riley)

07:00 Breakfast
08:30 Plenary: Working Group Summaries WG Leaders
09:00 Invited paper: *Mechanisms of Particle Acceleration near the Sun* Bob Lin
09:45 WG1/WG2/WG3: SHINE Campaign Events:
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 1. *2003 Halloween Storms* Jackson/ Plunkett
 2. *Progress and challenges towards driving the SHINE CEs with observations* Arge/Abbett
WG3: *Mechanisms of Particle Acceleration near the Sun* Giacalone/Desai
10:30 Coffee break
10:45 WG sessions continue
12:30 Lunch, free afternoon
18:00 Steering Committee, Working Group Leaders, Agency Representatives Dinner

Thursday, July 14 (chair: Christina Cohen)

07:00 Breakfast
08:30 Plenary: Working Group Summaries WG Leaders
09:00 Invited paper: *End-to-end Modeling of CMEs and SEPs* Tamas Gombosi
09:45 Working Group Sessions
WG2/WG1/WG3: *End-to-End Modeling of CMEs and SEPs* – part 1 Roussev/Abbett
WG1/WG3: *Radio Observations of CMEs and Particle Acceleration* Plunkett/Giacalone
10:30 Coffee break
10:45 WG sessions continue
12:30 Lunch break
14:00 Working Group Sessions
WG2/WG1/WG3: *End-to-End Modeling of CMEs and SEPs* – part 2 Roussev/Abbett
WG3: *Effects of the Sun on the Outer Heliosphere* Desai/Giacalone
15:15 Break
15:45 WG sessions continue

15:45 Steering Committee Meeting
17:00 Poster session with refreshments
19:00 Banquet

Friday, July 15 (chair: David Alexander)

07:00	Breakfast	
08:30	Reports from liaisons and related meetings: GEM	Dave Webb
08:45	IHY	Dave Webb
09:00	WG summary reports, challenges, and discussion	WG Leaders
10:45	Discussion of plans for next year	Nat Gopalswamy
11:00	Adjourn	