SHINE 2004
Workshop Program

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

Sunday, June 27

SHINE student day – STUDENTS and INVITED SPEAKERS ONLY!

9:00	Breakfast	
	Welcome/Opening Remarks	J. Linker
	SHINE Logistics	N. Gopalswamy
9:30	Working Group 1 Review Talk	T. Forbes
10:30	Working Group 2 Review Talk	T. Holzer
11:30	Coffee Break	
11:45	Working Group 3 Review Talk	A. Tylka
12:45	Group Lunch	
1:45	Student talks - Maher Al-Dayeh	
	Elizabeth Jensen	
	Kathy Reeves	
	Rhona Maclean	
3:00	Coffee break	
3:15	Student talks - Loraine Lundquist	
	Angela Des Jardins	
	Linghua Wang	
4:00	Coronagraph Instrumentation/Data	C. St. Cyr
4:30	Free Time	
6:30	Group dinner	
9:30	Informal social time with established scientists	

Monday, June 28

7:00	Breakfast	
8:20	Opening remarks	J. Linker and N. Gopalswamy
8:35	SHINE and NSF	P. Bellaire
8:50	A New NSF Initiative for Ground-based Arrays	J. Burkepile
9:00	SHINE and NASA's Living with a Star	C. St. Cyr
9:15	SHINE and AFOSR	Dave Webb (for David Byers)
9:30	Description of working group (WG) sessions	
	WG 1: Solar	T. Metcalf and Simon Plunkett
	WG 2: Interplanetary	N. Arge and C. Smith
10:10	Coffee break	

10:40 WG 3: Energetic Particles Mihir Desai and Joe Giacolone
11:00 Invited paper: Aad van Ballegooijen. Observational Signatures of CMEs in the Low Corona
11:45 Lunch break
1:15 Invited paper: Thomas Holzer. The Slow Solar Wind
2:00 Plenary session: Overview of the SHINE Campaign events,
3:15 Coffee break, Plenary continues
5:30 Welcome reception and Posters

Tuesday, June 29

7:00 Breakfast
8:30 SHINE Campaign Events: Splinter Sessions (Session Leaders)
1) Energetics of the Corona (Tom Metcalf, David Alexander)
2) Modeling Campaign Event CMES: Case Studies (Nick Arge, Simon Plunkett)
3) *In situ* observations and flux rope fitting for campaign events (Dave Webb, Chuck Smith)
4) Comparison of SEP Theory with Observations (Mihir Desai, Joe Giacolone)
10:00 Coffee break, Splinter sessions continue
11:45 Lunch break
1:15 Invited paper: Glenn Mason. Solar energetic particles: Recent observational progress for shock-related and impulsive event
2:00 Working Group Sessions
WG1: Understanding the Corona from Vector Field Measurements (Tom Metcalf, Jim Klimchuk)
WG1, WG2: Origin and Evolution of the Slow Solar Wind (Nick Arge, Simon Plunkett)
WG3 (WG1*): CMEs and SEPS - Impulsive SEP events (Mihir Desai, Joe Giacalone)
3:15 Break, WG sessions continue
5:15 Poster session with refreshments
7:00 Adjourn

Wednesday, June 30

7:00 Breakfast
8:30 Working Group Sessions
WG1, WG2: Origin and Evolution of the Slow Solar Wind (Nick Arge, Simon Plunkett)
WG2 (WG1*) CME models: What do they predict for interplanetary observations (Chuck Smith, Thomas Zurbuchen)
WG3 (WG1*, WG2*) SEP electrons (Mihir Desai, Joe Giacalone)
10:00 Coffee break, WG sessions continue
12:00 Lunch, free afternoon
6:00 Steering Committee, Working Group Leaders, Agency Representatives Dinner

Thursday, July 1

7:00 Breakfast
8:30 Working Group Sessions
WGI: Low coronal signatures of CMEs (Simon Plunkett, Tom Metcalf)
WG2 (WG1*): Connecting *In Situ* Observations of CMEs to their solar source (Chuck Smith, Nick Arge)
WG3 (WG1*, WG2*) Extreme SEP events (Mihir Desai, Joe Giacalone)
10:15 Coffee break, WG sessions continue
12:00 Lunch break
1:30 Working Group Sessions
WGI: Low coronal signatures of CMEs (Simon Plunkett, Tom Metcalf)
WG2: Flux Rope Fitting (Chuck Smith, Nick Arge)
WG3: Solar variability of SEPs (Mihir Desai, Joe Giacalone)
3:15 Break, WG sessions continue
3:30 Steering Committee Meeting
5:00 Poster session with refreshments
7:00 Banquet

Friday, July 2

7:00 Breakfast
8:30 Reports from liaisons and related meetings
9:00 WG summary reports, challenges, and discussion
10:45 Discussion of plans for next year N. Gopalswamy
11:00 Adjourn