# SHINE 2014 Schedule
June 23$^{rd}$ – 27$^{th}$, 2014
Telluride, Colorado


## Monday, June 23 (Chair: Ben Chandran)
7:00 Breakfast
8:30 Opening Remark*s: Chandran/Lu*gaz
8:45 Description of Session*s: Session Lead*ers
11:15 Coffee Break
11:45 NSF Repor*t: Ilia Rous*sev
12:15 Plenary Tal*k: Robertus Erde*lyi - "MHD waves in the interface region: Are they plentiful for heating?"
13:00 Lunch Break
14:00 Working Group Sessions

1.  When and why does Space weather forecasting fail? Part 1. (Nieves/Evans/Richardson/Savani)
2.  Waves in the Solar Atmosphere and the Solar Wind (Hahn/Perez)
3.  The Contribution of Electron Microphysics to the Evolution of the Solar Wind (Verscharen/Salem/Pulupa/Bale)

15:15 Coffee Break
15:45 WG Sessions continue
17:00 Welcome reception and Posters
19:00 Adjourn


## Tuesday, June 24 (Chair: Georgia de Nolfo)
7:00 Breakfast
8:30 Working Group 'Progress and Prospects' Reports *WG Leaders*
9:00 Plenary Talk: *Christina Cohen* - "The Distribution of Solar Energetic Particles in the Heliosphere "
9:45 Working Group Sessions

1.  Solar-Wind Turbulence (Shay/Howes)
2.  Solar Energetic Particle Events in the Weak Solar Cycle 24 (Makela/Lario/Ho)
3.  Magnetic Reconnection in Partially Ionized Chromospheric Plasmas (Murphy/Tian)

11:00 Coffee Break
11:30 WG Sessions continue
12:45 Lunch Break
14:00 Working Group Sessions

1. Solar-Wind Turbulence (Shay/Howes)
2. Progress in Understanding the Spatial Distribution and Temporal Evolution of Solar Energetic Particles (Nitta/Masson)
3. Scientific Validation of Heliophysical Models (MacNiece/Lian)

15:15 Coffee Break
15:45 WG Sessions continue
17:00 Poster Session with refreshments

## Wednesday, June 25 (Chair: Noé Lugaz)
7:00 Breakfast
8:30 Working Group 'Progress and Prospects' Reports *WG Leaders*
9:30 Plenary Talk: *Edward DeLuca* - "Understanding Active Region Stability Through Magnetic Field Modeling"
10:15 Working Group Sessions

1. When and why does Space weather forecasting fail? Part 2. (Nieves/Evans/Richardson/Savani)
2. Observations of Solar Wind Turbulence: Current Progress and Future Measurements (Chen/Bale)
3. Magnetic reconnection and flux redistribution: multi-scale and 3D dynamics. Part 1. (Guidoni/Intrator/Murphy/Qiu)

11:00 Coffee Break
11:30 WG Sessions continue
13:15 Lunch, free afternoon

## Thursday, June 26 (Chair: Joan Burkepile)
7:00 Breakfast
8:30 Working Group 'Progress and Prospects' Reports *WG Leaders*
9:00 Plenary Talk: *Pete Riley* - "Coronal Holes: Definitions, Identification, and Evolution"
9:45 Working Group Sessions

1. Magnetic reconnection and flux redistribution: multi-scale and 3D dynamics. Part 2. (Guidoni/Intrator/Murphy/Qiu)
2. Heating of Solar Wind Heavy Ions: Observations and Theory (Isenberg/Bourouaine)
3. Earth-Affecting CMEs (Zhang/Lugaz)

11:00 Coffee Break
11:30 WG Sessions continue
12:45 Lunch Break
14:00 Working Group Sessions

1. Turbulence and Dissipation in the Solar Wind Plasma: Current Challenges and New Diagnostics. Part 1. (Salem/Parashar)
2. Data-driven and Data-constrained Models and Simulations of Solar Eruptions and Active Region Evolution. Part 1. (Savcheva/Lugaz/Downs)
3. Identifying Solar Coronal Holes: A Tale of two Carrington rotations. Part I (Arge/Hock)

15:15 Coffee Break
15:45 WG Sessions continue
15:45 Steering Committee Meeting Steering Committee
17:00 Poster Session
18:30 Cocktails
19:00 Banquet

## Friday, June 27 (Chair: Doug Biesecker)
7:00 Breakfast
8:30 Working Group 'Progress and Prospects' Reports *WG Leaders*
9:20 Working Group Sessions

1. Turbulence and Dissipation in the Solar Wind Plasma: Current Challenges and New Diagnostics. Part 2. (Salem/Parashar)
2. Data-driven and Data-constrained Models and Simulations of Solar Eruptions and Active Region Evolution. Part 2. (Savcheva/Lugaz/Downs)
3. Identifying Solar Coronal Holes: A Tale of two Carrington rotations. Part II (Arge/Hock)

10:30 Coffee Break
11:00 WG Sessions continue
12:20 Final Remarks, Discussion of Next Year's Workshop: *Chandran/Lugaz*
12:45 Workshop Adjourns