

2024 SHINE BLOCK SCHEDULE					
Sunday, Aug 11					
Breakfast					
8:30-16:00	Student (Only!) Day				
Monday, Aug 12					
Breakfast					
7:00- 8:30	Welcome & Student Reps' Summary				
8:30-9:00	NSF Report and Other Business		Poster Boards	Poster Boards	Poster Boards
9:00-9:45	Plenary Talk I: Elena				
9:45-10:30	Coffee Break				
10:30-11:00	Coffee Break				
11:00-12:15		Flare- & CME-Associated Evolution of Active-Region Coronal Currents	Modern approaches to investigate larger scale structures in the heliosphere	Unraveling Turbulence Dynamics in the Very Local Interstellar Medium (VLISM) and the Connection with Heliophysics	
12:15-14:00	Lunch				
14:00-15:15		Flare- & CME-Associated Evolution of Active-Region Coronal Currents	Modern approaches to investigate larger scale structures in the heliosphere	Unraveling Turbulence Dynamics in the Very Local Interstellar Medium (VLISM) and the Connection with Heliophysics	
15:15-17:45	Diversity Training				
17:45-20:00		Welcome Reception and Posters	Welcome Reception and Posters	Welcome Reception and Posters	Welcome Reception and Posters
Tuesday, Aug 13					
Breakfast					
7:00- 8:30	Plenary Talk II: Robert Allen				
8:30-9:15	Move to Breakout Rooms				
9:15-9:30	Move to Breakout Rooms				
9:30-10:45		Achieving coronal and solar wind science closure with multi-mission collaboration	Neutron Monitors and GLEs—The Big Picture	Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations	
10:45-11:15	Coffee Break				
11:15-12:30		Achieving coronal and solar wind science closure with multi-mission collaboration	Neutron Monitors and GLEs—The Big Picture	Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations	
12:30-13:00	Lunch				
13:00-14:00	Discussion with NSF and NASA on proposals				
14:00-15:15		Small-scale magnetism and dynamics in the lower solar atmosphere	Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/Solo Era	Pickup ions in the heliosphere and beyond	The role of the Helicity Barrier: Impact on Solar Wind Imbalanced Turbulence and Heating
15:15-16:00	Coffee Break				

16:00-17:15		Small-scale magnetism and dynamics in the lower solar atmosphere	Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/Solo Era	Pickup ions in the heliosphere and beyond	The role of the Helicity Barrier: Impact on Solar Wind Imbalanced Turbulence and Heating
17:15-20:00		Poster Session with Refreshments	Poster Session with Refreshments	Poster Session with Refreshments	Poster Session with Refreshments
Wednesday, Aug. 14					
7:00- 8:30	Breakfast				
8:30-9:15	Plenary Talk III: Maria Elena Innocenti				
9:15-9:30	Move to Breakout Rooms				
9:30-10:45		Understanding Variations in Sun's Global Flows	Addressing your SHINE Science Questions with Radio Data	Solar Energetic Particle (SEP) acceleration near the Sun	Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range
10:45-11:15		Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:15-12:30		Understanding Variations in Sun's Global Flows	Addressing your SHINE Science Questions with Radio Data	Solar Energetic Particle (SEP) acceleration near the Sun	Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range
12:30-18:00	Free Afternoon				
18:00:-20:30		Poster Session with Refreshments	Poster Session with Refreshments	Poster Session with Refreshments	Poster Session with Refreshments
Thursday Aug. 15					
7:00- 8:30	Breakfast				
8:30-9:15	Plenary Talk IV: Brian Welsch				
9:15-10:15	The Things I Wish the Community Would Stop Getting Wrong: Facilitating Knowledge Dissemination				
10:15-10:45		Coffee Break	Coffee Break	Coffee Break	Coffee Break
10:45-12:00		Beyond the Standard Flare Model	Small Missions, Big Results	Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays	
12:00-13:30	Lunch				
12:30-13:30	Potential Town Hall/Discussion				
13:30-14:45		Beyond the Standard Flare Model	Small Missions, Big Results	Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays	
14:45-17:30		Poster Session	Poster Session	Poster Session	Poster Session
18:45-20:30	Banquet				

Friday, Aug 16					
7:00- 8:30	Breakfast				
8:30-9:30	Town Hall TBD				
9:30-9:45	Move to Breakout Rooms				
9:45-11:00		Exploring the Solar and Stellar Connection: Investigating Solar and Stellar Winds in Relation to Magnetic Fields and Eruptions	Machine learning-based predictions of solar flares and SEP events	Understanding the role of turbulence and diffusion in SEP transport in the inner heliosphere	
11:00-11:30		Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:30-12:45		Exploring the Solar and Stellar Connection: Investigating Solar and Stellar Winds in Relation to Magnetic Fields and Eruptions	Machine learning-based predictions of solar flares and SEP events	Understanding the role of turbulence and diffusion in SEP transport in the inner heliosphere	
13:00-13:30	Final Remarks, plans for SHINE 2025				