2025 SHINE BLOCK SCHEDULE

Sunday, Jun 22	Breakfast				
8:30-16:00					
	Student (Only!) Day				
Monday, June 23					
7:00- 8:30	Breakfast				
8:30-9:15	Welcome & Student Reps' Summary				
9:15-9:45	NSF Support of SHINE and Plans for SHINE 2026				
9:45-10:30	Plenary Talk I: Benjamin Chandran				
10:30-11:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00-12:15		Plasma Beta=1 Regimes Bridging the photospheric gap,	Revisiting Interacting CMEs: Understanding Evolution and Associated Predictive Challenges	New insights into particle access and transport in the inner heliosphere	
12:15-14:00	Lunch				
14:00-15:15		Plasma Beta=1 Regimes Bridging the photospheric gap,	Revisiting Interacting CMEs: Understanding Evolution and Associated Predictive Challenges	New insights into particle access and transport in the inner heliosphere	
15:15-17:45	**Informal Networking and Posters**				
15:45-17:15	**Informal Networking and Posters**		Instrumentation Necessary for a Future LWS Solar Polar Orbiter Mission	NASA Heliophysics Digital Resource Library Python Training	
17:45-20:00		Welcome Reception and Posters	Welcome Reception and Posters	Welcome Reception and Posters	Welcome Reception and Posters
Tuesday, June 24					
7:00- 8:30	Breakfast				
8:30-9:15	Plenary Talk II: Mihir Desai				
9:15-9:30	Move to Breakout Rooms				
9:30-10:45		Far-side of the Sun: Observation, Modeling and Application to Space Weather	Intertwining Physics-Based Simulations and Machine Learning in Heliophysics: How Can We Do It and Why Do We Need It?		Entropy and its role in space plasmas
10:45-11:15		Coffee Break	Coffee Break	Coffee Break	
11:15-12:30		Far-side of the Sun: Observation, Modeling and Application to Space Weather	Intertwining Physics-Based Simulations and Machine Learning in Heliophysics: How Can We Do It and Why Do We Need It?		Entropy and its role in space plasmas
12:30-14:00	Lunch				
14:00-15:15		The Structure & Evolution of Coronal Currents in CME Source Regions	What we know about the solar Alfvén surface in the era of "Touching the Sun"	Humans/SEPs: What are the radiation risks from SEPs for humans in space, really?	Turbulence, reconnection, shock, and particle energization
15:15-16:00		Coffee Break	Coffee Break	Coffee Break	Coffee Break
16:00-17:15		The Structure & Evolution of Coronal Currents in CME Source Regions	What we know about the solar Alfvén surface in the era of "Touching the Sun"	Humans/SEPs: What are the radiation risks from SEPs for humans in space, really?	Turbulence, reconnection, shock, and particle energization
17:15-20:00		Poster Session with Refreshments	Poster Session with Refreshments	Poster Session with Refreshments	Poster Session with Refreshments
20:00-23:00		COFFIES Game night (Francis Marion, Poinsette room)			

Wednesday, June 25					
7:00- 8:30	Breakfast				
8:30-9:15	Plenary Talk III: Noe Lugaz				
9:15-9:30	Move to Breakout Rooms				
9:30-10:45		Moving Towards a Unified Perspective on Coronal Hole Boundaries	Advancing Our Global Understanding of CMEs from In Situ and Remote Observations and Models	Secondary neutral emission from solar flares to probe energetic particle acceleration	Multispacecraft new era: novel multipoint & multiscale techniques
10:45-11:15		Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:15-12:30		Moving Towards a Unified Perspective on Coronal Hole Boundaries	Advancing Our Global Understanding of CMEs from In Situ and Remote Observations and Models	Secondary neutral emission from solar flares to probe energetic particle acceleration	Multispacecraft new era: novel multipoint & multiscale techniques
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, June 26					
7:00- 8:30	Breakfast				
8:30-9:15	Plenary Talk IV: Jiong Qiu				
9:15-10:00	Living With a Star Focused Science Topic Discussion				
10:00-10:45		Coffee Break	Coffee Break	Coffee Break	Coffee Break
10:45-12:00		SHINE Science with FASR and NextGeneration Radio Arrays	Introducing modeling in the multi-viewpoint analysis of eruptive events	Neutron Monitors and Space Weather	
12:00-13:30	Lunch				
13:30-14:45		SHINE Science with FASR and NextGeneration Radio Arrays	Introducing modeling in the multi-viewpoint analysis of eruptive events	Neutron Monitors and Space Weather	
14:45-17:30		Poster Session	Poster Session	Poster Session	Poster Session
18:45-20:30	Banquet				

Friday, June 27					
7:00- 8:30	Breakfast				
8:30-9:30	Future of Heliophysics, including Heliophysics Funding Sources: Community Discussion				
9:30-9:45	Move to Breakout Rooms				
9:45-11:00		Micro, Meso and Macro: Relating the Full Spectrum of Scale Sizes in RemoteSensing Imaging and Coronal/Heliospheric Models.	Pickup ions, electrons, and energetic neutral atoms in the heliosphere and local interstellar medium	Modern approaches in particle kinetics: bridging observations, reconstructions, and simulations throughout the heliosphere	
11:00-11:30		Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:30-12:45		Micro, Meso and Macro: Relating the Full Spectrum of Scale Sizes in RemoteSensing Imaging and Coronal/Heliospheric Models.	Pickup ions, electrons, and energetic neutral atoms in the heliosphere and local interstellar medium	Modern approaches in particle kinetics: bridging observations, reconstructions, and simulations throughout the heliosphere	
13:00-13:30	Final Remarks, Feedback, Plans for SHINE 2026				