	2025 SHINE BLOCK SCHEDULE						
Quadrus Jun 00	Breakfast						
Sunday, Jun 22 8:30-16:00	Breaktast						
0.30-10.00	Student (Only!) Day						
	Student (Only:) Day						
Monday, June 23							
7:00- 8:30	Breakfast						
	Welcome & Student Reps'						
8:30-9:00	Summary		Poster Boards	Poster Boards	Poster Boards		
9:00-9:45	NSF Townhall						
	Plenary Talk I: Benjamin						
9:45-10:30	Chandran						
10:30-11:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break		
		Plasma Beta=1 Regimes Bridging the photospheric	Revisiting Interacting CMEs: Understanding Evolution and Associated	New insights into particle access and			
11:00-12:15		gap,	Predictive Challenges				
11:00-12:15		U .,	-	unch			
12.10-14.00		Plasma Beta=1 Regimes	Revisiting Interacting CMEs:	New insights into particle access and			
		Bridging the photospheric	Understanding Evolution and Associated				
14:00-15:15		gap,	Predictive Challenges	·			
15:15-17:45			Informal Netwo	orking and Posters			
	Instrumentation Necessary for a						
15:45-17:15	Future LWS Solar Polar Orbiter Mission						
		Welcome Reception and					
17:45-20:00		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		1		reakout Rooms			
		Far-side of the Sun: Observation, Modeling and	Intertwining Physics-Based Simulations and Machine Learning in Heliophysics:		Entropy and its role in space plasmas		
		Application to Space	How Can We Do It and Why Do We				
9:30-10:45		Weather	Need It?				
10:45-11:15		Coffee Break	Coffee Break	Coffee Break			
10.45-11.15		Far-side of the Sun:		CUIEE DI Eak			
		Far-side of the Sun:	Intertwining Physics-Based Simulations		Entropy and its role in space plasmas		
		Observation, Modeling and	Intertwining Physics-Based Simulations and Machine Learning in Heliophysics:		Entropy and its role in space plasmas		
		Observation, Modeling and Application to Space	and Machine Learning in Heliophysics: How Can We Do It and Why Do We		Entropy and its role in space plasmas		
11:15-12:30		Observation, Modeling and	and Machine Learning in Heliophysics:		Entropy and its role in space plasmas		
11:15-12:30 12:30-14:00		Observation, Modeling and Application to Space	and Machine Learning in Heliophysics: How Can We Do It and Why Do We Need It?	unch	Entropy and its role in space plasmas		
		Observation, Modeling and Application to Space Weather The Structure & Evolution of	and Machine Learning in Heliophysics: How Can We Do It and Why Do We Need It?	Humans/SEPs: What are the radiation risks	Turbulence, reconnection, shock, and particle energization (3-		
		Observation, Modeling and Application to Space Weather The Structure & Evolution of Coronal Currents in CME	and Machine Learning in Heliophysics: How Can We Do It and Why Do We Need It?	Humans/SEPs: What are the radiation risks	Entropy and its role in space plasmas Turbulence, reconnection, shock, and particle energization (3- session day)		
		Observation, Modeling and Application to Space Weather The Structure & Evolution of	and Machine Learning in Heliophysics: How Can We Do It and Why Do We Need It?	Humans/SEPs: What are the radiation risks	Turbulence, reconnection, shock, and particle energization (3-		
12:30-14:00		Observation, Modeling and Application to Space Weather The Structure & Evolution of Coronal Currents in CME	and Machine Learning in Heliophysics: How Can We Do It and Why Do We Need It?	Humans/SEPs: What are the radiation risks	Turbulence, reconnection, shock, and particle energization (3-		
12:30-14:00 14:00-15:15		Observation, Modeling and Application to Space Weather The Structure & Evolution of Coronal Currents in CME Source Regions	and Machine Learning in Heliophysics: How Can We Do It and Why Do We Need It? 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 (3- session day)		
12:30-14:00		Observation, Modeling and Application to Space Weather The Structure & Evolution of Coronal Currents in CME Source Regions	and Machine Learning in Heliophysics: How Can We Do It and Why Do We Need It?	Humans/SEPs: What are the radiation risks from SEPs for humans in space, really? Coffee Break	Turbulence, reconnection, shock, and particle energization (3-		
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12:30-14:00 14:00-15:15 15:15-16:00 16:00-17:15	Breakfast	Observation, Modeling and Application to Space Weather The Structure & Evolution of Coronal Currents in CME Source Regions Coffee Break The Structure & Evolution of Coronal Currents in CME Source Regions	and Machine Learning in Heliophysics: How Can We Do It and Why Do We Need It? What we know about the solar Alfvén surface in the era of "Touching the Sun" Coffee Break 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? Coffee Break Humans/SEPs: What are the radiation risks from SEPs for humans in space, really?	Turbulence, reconnection, shock, and particle energization (3- session day) Coffee Break Turbulence, reconnection, shock, and particle energization		

8:30-9:15	Plenary Talk III: Noe Lugaz						
9:15-9:30	r tondi y Taite III. Hoo Lugaz		Move to R	reakout Rooms	I		
3.13-3.30		Moving Towards a Unified	Advancing Our Global Understanding of		Multispacecraft new era: novel multipoint & multiscale		
		U U	CMEs from In Situ and Remote	flares to probe energetic particle acceleration			
9:30-10:45		Boundaries	Observations and Models				
10:45-11:15		Coffee Break	Coffee Break	Coffee Break	Coffee Break		
			Advancing Our Global Understanding of	Secondary neutral emission from solar	Multispacecraft new era: novel multipoint & multiscale		
			CMEs from In Situ and Remote	flares to probe energetic particle acceleration	techniques		
11:15-12:30		Boundaries	Observations and Models				
12:30-18:00	Free Afternoon						
		Poster Session with					
18:00:-20:30		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						
9:15-10:15	NASA + Decadal Townhall						
10:15-10:45		Coffee Break	Coffee Break Introducing modeling in the multi-	Coffee Break Neutron Monitors and Space Weather	Coffee Break		
			viewpoint analysis of eruptive events	Neutron Monitors and Space Weather			
10:45-12:00		Arrays					
12:00-13:30				Lunch			
12.00-13.30		SHINE Science with FASR	Introducing modeling in the multi-	Neutron Monitors and Space Weather			
			viewpoint analysis of eruptive events				
13:30-14:45		Arrays					
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	Extra slot						
9:30-9:45	Move to Breakout Rooms						
		Micro, Meso and Macro:	Pickup ions, electrons, and energetic	Modern approaches in particle kinetics:			
		· ·	neutral atoms in the heliosphere and	bridging observations, reconstructions, and			
		of Scale Sizes in RemoteSensing Imaging and	local interstellar medium	simulations throughout the heliosphere			
		Coronal/Heliospheric					
		Models.					
9:45-11:00		0 "	0 % D -				
11:00-11:30		Coffee Break Micro, Meso and Macro:	Coffee Break Pickup ions, electrons, and energetic	Coffee Break Modern approaches in particle kinetics:	Coffee Break		
			neutral atoms in the heliosphere and	bridging observations, reconstructions, and			
		of Scale Sizes in	local interstellar medium	simulations throughout the heliosphere			
		RemoteSensing Imaging and		3			
		Coronal/Heliospheric					
		Models.					
11:30-12:45							