



2022 BLOCK SCHEDULE

Sunday, JUNE 26	Breakfast
8:30-16:00	Student (Only!) Alohilani II and Stingray

	Alohilani II	Alohilani II	Stingray	Bluefin	Alohilani I
Monday, Jun 27					
7:00- 8:30	Breakfast		Poster Setups @		
8:30-8:45	Chair: Noe Lugaz Welcome & Opening Remarks: Lugaz & Nieves				
8:45-9:00	Student Day Summary: Gilly & Torres				
9:00-9:30	NSF Reports (Lisa Winter)				
9:30-9:45	NASA Updates (Lika Guhathakurta)				
9:45-10:30	Plenary Talk I: Nour Raouafi (JHU/APL)				
10:30-11:15	Coffee Break				
11:15-12:30		(Session #3) Energy Dissipation Processes in Space Plasmas Pecora, Francesco, Yang, Yan, Salem, Chadi, Klein, Kristopher, Matthaeus, William H., Bernard Vasquez	(Session #6) Connecting the Sun and Heliosphere through interdisciplinary coordinated observing campaigns and modeling Giuliana de Toma, Robert Allen, Cooper Downs, Stefan Hofmeister	(Session #10) Machine Learning and Data Assimilation in Heliophysics: Capturing the Current Picture. Viacheslav M Sadykov, Barbara J Thompson, Irina N Kitiashvili	
z	Lunch				
14:00-15:15		Session #3	Session #6	Session #10	

15:15-17:00	NETWORKING & POSTERS presenting participants with posters with numbers dividable by 3 (3N)
17:00-19:00	

Tuesday, Jun 28	Alohilani II	Alohilani II	Stingray	Bluefin	Alohilani I
7:00- 8:30	Breakfast				
8:30-9:00	Chair: Lynn Wilson Progress & Prospects				
9:00-9:45	Plenary: Christina Cohen (Caltech)				
9:45-11:00		(Session #2) Multi-messenger Heliophysics with DKIST, PSP and SO: Defining the Upcoming Opportunities Mark Rast, Stuart Bale, Teresa Nieves, Chris Gilly, Kevin Reardon, Thomas Rimmele, Valentin Martinez Pillet, Lucas Tarr	(Session #9) SHINE Challenge: SEP Model Validation Community Effort - Forecasting the "Non-event" Kathryn Whitman, Ricky Egeland, Phil Quinn, Ian G. Richardson	(Session #11) Modeling CME initiation and propagation through the heliosphere. Nishtha Sachdeva, Zhenguang Huang, Ben Lynch, Georgios Chintzoglou	(Session #16) Heliospheric Turbulence II: Multiscale Nature of Turbulence from Inertial Scales to Dissipation Range Riddhi Bandyopadhyay, William H. Matthaeus, Alexandros Chasapis
11:00-11:30	Coffee Break				
11:30-12:45		Session #2	Session #9	Session #11	Session #16
12:45-14:00	Lunch				
14:00-15:15		(Session #5) Understanding and Quantifying the Performance and Uncertainties in Solar and Heliospheric Models. Talwinder Singh, Ronald M. Caplan, Ming Zhang.	(Session #17) Models and observations for the contributions from SEPs and GCRs to the radiation background in the herliosphere. Lulu Zhao, Igor Sokolov, Vladimir Florinski	(Session #18) The kinetic physics of collisionless shock waves in the heliosphere. Colby Haggerty, Jason TenBarge, Alex Chasapis	

15:15-15:45	Coffee Break		
15:45-17:00	Session #5	Session #17	Session #18
17:15-20:00	Poster Session with Refreshments presenting participants with posters with numbers dividable by 3N+1		


Wednesday, Jun. 29	Alohilani II	Alohilani II	Stingray	Bluefin
7:00- 8:30	Breakfast			
8:30- 9:30	Chair: Nicki Viall Progress & Prospects			
9:30-10:15	Plenary Talk III: Maria Kazachenko (CU Boulder/NSO)			
10:15-11:30		(Session #1) Do we understand the role of turbulence and diffusion in cosmic ray transport in the heliosphere? Claudio Corti, Joe Giacalone, William Matthaeus, Ian Richardson	(Session #8) Connecting the Heliosphere with the Interstellar Medium. Sarah A. Spitzer, Justyna M. Sokół, Elena Provornikova	(Session #13) How can we improve our current understanding of the nature of pre-eruptive configurations and the genesis of solar eruptions? Georgios Chintzoglou, Tibor Török
11:15-11:45	Coffee Break			
11:45-13:00		Session #1	Session #8	Session #13
13:00-13:15	Lunch			

Free-afternoon !!!!

18:00-20:30

Poster Session with Refreshments
presenting participants with posters with numbers dividable by $3N+2$

Thursday, Jun. 30	Alohilani II	Alohilani II	Stingray	Bluefin
7:00- 8:30	Breakfast			
8:30-9:00	Chair: Cooper Downs Progress & Prospects			
9:00-9:45	Plenary Talk IV: Doug Simons (IFA)			
9:45-11:15	Poster Session with Refreshments presenting participants with posters with numbers dividable by $3N+2$			
11:15-12:30		(session #7) Data Mining for Science of the Sun-Earth Connection as a Single System Simone Di Matteo; Craig DeForest; Matthew West	(Session #12) Flux Ropes and their Dynamics Fernando Carcaboso, Teresa Nieves, Sanchita Pal, Carlos Braga	(Session #19) Data-driven models of solar flares: where are we and what's next? Vanessa Polito, Graham Kerr
12:30-14:00	Lunch			
14:00-15:15		Session #7	Session #12	Session #19
15:15-16:15	Coffee Break & NETWORKING			

16:15	TH: DKIST Introduction	
17:00-18:30		
18:30	 COCKTAILS & BANQUET	
19:00		

Friday, JUL 1.	Alohilani II	Alohilani II	Stingray	Bluefin
7:00- 8:30	Breakfast			
8:30-9:00	Chair: Teresa Nieves Progress & Prospects			
9:00-9:45	TH: Decadal Survey Q&A			
9:45-11:00		(Session #4) Heliospheric Turbulence Interplay of Large-scale Structure with Turbulence. Rohit Chhiber, Junxiang Hu, Laxman Adhikari, Tulasi N. Parashar, William H. Matthaeus	(Session #14) Identifying Science and Instrumentation Gaps in the Coronal - Solar Wind Connection. Aleida Higginson, Jason Kooi , Yeimy Rivera	(Session #15) Suprathermal Ions in the Heliosphere and Surrounding Very Local Interstellar Medium. Federico Fratemale, Ming Zhang, David Lario
11:00-11:30	Coffee Break			
11:30-12:45		(Session #4)	Session #13	Session #15
12:45 - 13:15	Final Remarks, plans for SHINE 2023			