Poster No.	Presenting Author	Afiiliation	Title	Working Group	Sessions
001	E. Sanchez-Gacia	National Autonomous University of Mexico	How the Geomagnetic Storm of May 10 was observed by the LANCE instrument network in Mexico	Other	2024 Student Poster
002	India Jackson	Georgia State University	Helio-Lite: A Cost-Effective, Scalable Cloud Framework for Advancing Heliophysics Research	Other	2024 Student Poster
003	Brian O'Donnell	NJIT-Center for Solar Terrestrial Research	Imaging Spectroscopy Shows False "U-Burst" caused by Atmospheric Distortions Above the OVRO-LWA	Other	Session 10. Seeing the Unseen: Sun in radio wavelengths|Session 9. Addressing your SHINE Science Questions with Radio Data
004	Olga Verkhoglyadova	Jet Propulsion Laboratory, California Institute of Technology	The NASA Heliophysics Mission Design School: principles, accomplishments and diversity	Other	Session 20. The Things I Wish the Community Would Stop Getting Wrong: Facilitating Knowledge Dissemination (Town Hall)|Session 21. Small Missions Big Results
005	Fallon Konow	Georgia State University; University of Rome Tor Vergata	GATES: A Network for Synoptic Space Weather Observation	Other	Session 21. Small Missions Big Results|2024 Student Poster
006	Bishwas L. Shrestha	Princeton University	Anomalous Behavior of Solar Wind at Distant Interplanetary Shocks	Other	Session 22. Pickup Ions in the Heliosphere and Beyond
007	Carlos Perez-Alanis	NASA Goddard Space Flight Center / George Mason University	Implications and causes in the identification of Large Scale Structures from operations to research	Other	Session 6. Modern approaches to investigate larger scale structures in the heliosphere|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era
008	Hafijul Islam	University of New Hampshire	Temporal Variation of Scaling Factor of Secondary Neutral Interstellar Helium Observed by IBEX-Lo	Other	
009	Mel Abler	Space Science Institute & UCLA	Laboratory Study of Alfven Wave Steepening	Other	
010	William Ryan	West Virginia University	Theory and Simulations of the Whistler Anisotropy Instability for Space Applications	Other	
011	Jorge R. Padial Doble	Vanderbilt University	Automatically Labelled EUV and XRay Incident Solarflares (ALEXIS Solar Flare Catalog)	WG1: Solar	Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays|Session 15. Machine learning-based predictions of solar flares and SEP events|Session 4. Beyond the Standard Flare Model
012	Brandon Lazard	University of California, Los Angeles	Investigating the Role of Diffusivities in Solar Convection Modeling	WG1: Solar	2024 Student Poster
013	Evan Shimoun	University of Michigan	Using Solar Orbiter to Examine Ion Charge State Ratios in Comparison to their Radial Distance	WG1: Solar	2024 Student Poster
014	Gabriela Gonzalez	CU/LASP	Improving the Spectral Resolution and Wavelength Scale of SDO/EVE MEGS-A Flare Observations	WG1: Solar	2024 Student Poster
015	Gergely Koban	University of Michigan	Using FORWARD for Global Coronal Model Validation Across Solar Cycles	WG1: Solar	2024 Student Poster
016	Griffin Goodwin	Georgia State University	The Impacts of Magnetogram Projection Effects on Solar Flare Forecasting	WG1: Solar	2024 Student Poster
017	Jonathan Lee	Institute for Astronomy, University of Hawaii at Manoa	Estimating the Maximum Possible Magnetic Energy Storage of AR 11158 prior to its X2.2 Flare	WG1: Solar	2024 Student Poster
018	Kara Kniezewski	Air Force Institute of Technology	A Comparative Study on the Divergent Eruptive Behaviors of AR 12192 and AR 13664	WG1: Solar	2024 Student Poster
019	Tamima Saba	Georgia State University	Relation between Two-Ribbon Topology and Flare Eruptivity	WG1: Solar	2024 Student Poster
020	Varun Mahendra Chaturmutha	Georgia State University	Probing the Atmosphere of the Sun-As-A-Star Using Seismic Waves	WG1: Solar	2024 Student Poster
021	Xianyu Liu	University of Michigan	Simulation of Coronal Mass Ejection Based on the Titov-Demonlin Model: Flux Rope Insertion, Relaxation, and Eruption Triggered by Flux Cancellation	WG1: Solar	2024 Student Poster
022	Andrew Leisner	George Mason University	Coronal Hole Model Validation with Synchronic Maps	WG1: Solar	Session 1. Exploring the Solar and Stellar Connection: Investigating Solar and Stellar Winds in Relation to Magnetic Fields and Eruptions|2024 Student Poster
023	Gregory Szypko	Rice University	How is the particle population seeded into the solar wind?	WG1: Solar	Session 1. Exploring the Solar and Stellar Connection: Investigating Solar and Stellar Winds in Relation to Magnetic Fields and Eruptions|2024 Student Poster
024	Caroline L. Evans	University of Colorado Boulder	Quantifying how surface complexity influences properties of the solar corona and solar wind	WG1: Solar	Session 1. Exploring the Solar and Stellar Connection: Investigating Solar and Stellar Winds in Relation to Magnetic Fields and Eruptions|Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations|Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere|Session 6. Modern approaches to investigate larger scale structures in the heliosphere|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
025	James Crowley	National Solar Observatory; CU Boulder	Magnetic Insights from Vector Magnetogram Inversions of Hinode SP	WG1: Solar	Session 1. Exploring the Solar and Stellar Connection: Investigating Solar and Stellar Winds in Relation to Magnetic Fields and Eruptions|Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations|Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere|Session 6. Modern approaches to investigate larger scale structures in the heliosphere|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
026	Charles Fred Driscoll	University of California, San Diego	Plasma Sheath Electric Fields and Jets of the Sun and Solar Wind	WG1: Solar	Session 1. Exploring the Solar and Stellar Connection: Investigating Solar and Stellar Winds in Relation to Magnetic Fields and Eruptions|Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range|Session 19. Unraveling Turbulence Dynamics in the Very Local Interstellar Medium (VLISM) and the Connection with Heliophysics|Session 2. Understanding Variations in Sun's Global Flows|Session 20. The Things I Wish the Community Would Stop Getting Wrong: Facilitating Knowledge Dissemination (Town Hall)|Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere|Session 4. Beyond the Standard Flare Model|Session 5. Flare- & CME-Associated Evolution of Active-Region Coronal Currents
027	Nian Liu	New Jersey Institute of Technology	Daba-based MHD Simulation for Consecutive Flare Eruptions in Active Region 13663	WG1: Solar	Session 1. Exploring the Solar and Stellar Connection: Investigating Solar and Stellar Winds in Relation to Magnetic Fields and Eruptions|Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere|Session 4. Beyond the Standard Flare Model|Session 5. Flare- & CME-Associated Evolution of Active-Region Coronal Currents
028	Ryan French	National Solar Observatory	Possible in-situ evidence for plasmoids in a reconnecting flare current sheet	WG1: Solar	Session 1. Exploring the Solar and Stellar Connection: Investigating Solar and Stellar Winds in Relation to Magnetic Fields and Eruptions|Session 4. Beyond the Standard Flare Model|Session 5. Flare- & CME-Associated Evolution of Active-Region Coronal Currents|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era
029	Liana Zhou	Ann Arbor Skyline High School, Michigan; University of Michigan	First Report of Solar Radio Burst Events Detected by the SunRISE Ground Radio Lab	WG1: Solar	Session 10. Seeing the Unseen: Sun in radio wavelengths

030	Bin Chen	New Jersey Institute of Technology	Owens Valley Solar Arrays: An Integrated Community Facility for Solar and Space Weather Research	WG1: Solar	Session 10. Seeing the Unseen: Sun in radio wavelengths|Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays|Session 13. Solar Energetic Particle (SEP) acceleration near the Sun|Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations|Session 21. Small Missions Big Results|Session 4. Beyond the Standard Flare Model|Session 5. Flare- & CME-Associated Evolution of Active-Region Coronal Currents|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era|Session 9. Addressing your SHINE Science Questions with Radio Data
031	Surajit Mondal	New Jersey Institute of Technology	Mysterious low frequency transients discovered by the Owens Valley Long Wavelength Array	WG1: Solar	Session 10. Seeing the Unseen: Sun in radio wavelengths|Session 6. Modern approaches to investigate larger scale structures in the heliosphere|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era|Session 9. Addressing your SHINE Science Questions with Radio Data
032	Gilly	Southwest Research Institute	EMToolkit - A python dashboard for DEM analysis of image slices	WG1: Solar	Session 10. Seeing the Unseen: Sun in radio wavelengths|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration|Session 9. Addressing your SHINE Science Questions with Radio Data
033	Georgia de Nolfo	NASA Goddard Space Flight Ctr	What Solar Neutrons Can Tell Us About Particle Acceleration?	WG1: Solar	Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays
034	Wei Liu	Lockheed Martin Solar and Astrophysics Laboratory and Bay Area Environmental Research Institute	Large-scale EUV Waves in the Solar Corona Associated with CMEs and/or Flares	WG1: Solar	Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era
035	MohammadReza EskandariNasab	Utah State University	Impacts of Data Preprocessing and Sampling Techniques on Time Series-based Solar Flare Prediction	WG1: Solar	Session 15. Machine learning-based predictions of solar flares and SEP events
036	Joao Felipe Sousa Pereira	George Mason University	Solar Flare Prediction using Deep Learning Models	WG1: Solar	Session 15. Machine learning-based predictions of solar flares and SEP events|2024 Student Poster
037	Nat Mathews	NASA GSFC	The Plasma-Prescribed Active Region Extrapolation Dataset	WG1: Solar	Session 15. Machine learning-based predictions of solar flares and SEP events|Session 5. Flare- & CME-Associated Evolution of Active-Region Coronal Currents
038	Evan Yerger	Space Science Center	Constraints on proton cyclotron heating in the solar wind	WG1: Solar	Session 16. The role of the Helicity Barrier: Impact on Solar Wind Imbalanced Turbulence and Heating
039	Parisa Mostafavi	Johns Hopkins University Applied Physics Lab	Non-Thermal Effects on Solar Wind Ions: Insights from Parker Solar Probe and Solar Orbiter Observations	WG1: Solar	Session 16. The role of the Helicity Barrier: Impact on Solar Wind Imbalanced Turbulence and Heating|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
040	Daniel Mendoza	University of Colorado Boulder	Coronal Field-Line Extrapolation Techniques: Validation and Footpoint-Tracing Uncertainties	WG1: Solar	Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations
041	Steven Cranmer	University of Colorado Boulder	A New Generation of 1D Models of Coronal Heating and Solar Wind Acceleration Powered by Waves, Turbulence, and Interchange Reconnection	WG1: Solar	Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations
042	Yang Liu	Stanford University	Toward a Consensus for Multi-Sourced Photospheric Magnetic Field Cross-Calibration and Producing Radial Field Synoptic Charts	WG1: Solar	Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations
043	Tong Shi	SETI Institute	AWSoM MHD Simulation of a Solar Active Region: Statistical Analysis of Alfven Wave Dissipation and Reflection, Scaling Laws, and Energy Budget on Coronal Loops	WG1: Solar	Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations|2024 Student Poster
044	Krishnendu Mandal	New Jersey Institute of Technology, Newark, New Jersey, USA	Helioseismic Properties of Dynamo Wave Signatures in Solar Zonal Flow	WG1: Solar	Session 2. Understanding Variations in Sun's Global Flows
045	M. Cristina Rabello Soares	Stanford University	Exploring Substructure of the Near-Surface Shear Layer of the Sun	WG1: Solar	Session 2. Understanding Variations in Sun's Global Flows
046	Richard Bogart	Stanford Univeristy	Structured anomalies in near-surface flows revealed by ring-diagram analysis	WG1: Solar	Session 2. Understanding Variations in Sun's Global Flows
047	Roger Ulrich	Department of Physics and Astronomy, University of California at Los Angeles	Magnetic Field and Doppler Velocities on the Solar Surface from the 150-foot Tower Telescope on Mt. Wilson	WG1: Solar	Session 2. Understanding Variations in Sun's Global Flows
048	Shea Hess Webber	Stanford University	Consequences of Fields and Flows in the Interior and Exterior of the Sun (COFFIES)	WG1: Solar	Session 2. Understanding Variations in Sun's Global Flows
049	Sushant S. Mahajan	Stanford University	Long Term trends in Sun's Global Flows: Meridional Flow and Torsional Oscillation	WG1: Solar	Session 2. Understanding Variations in Sun's Global Flows
050	Niharika Godbole	American University / NASA Goddard Space Flight Center (GSFC)	An Overview of the Measuring Directivity to Determine Electron Anisotropy (MeDDEA) CubeSat Observatory	WG1: Solar	Session 21. Small Missions Big Results
051	Karin Dissauer	NorthWest Research Associates	Unveiling the uniqueness of small-scale solar flare precursors	WG1: Solar	Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere
052	Mehmet Sarp Yalim	The University of Alabama in Huntsville	A Confirmed Second Sunspot Light Bridge Heated by Cowling Heating: Analysis Using NASA/IRIS Data	WG1: Solar	Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere
053	Wenda Cao	Big Bear Solar Observatory	New Developments in Instrumentation at Big Bear Solar Observatory (BBSO)	WG1: Solar	Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere
054	Dennis Tilipman	University of Colorado, Boulder / NSO	How Do Spatial Resolution and Cadence Affect the Accuracy of Electric Field and Poynting Flux Inversions?	WG1: Solar	Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere|2024 Student Poster
055	Silvina Guidoni	American University	Self-consistent Formation and Resistive Instability of a Simulated Flare Current Sheet	WG1: Solar	Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere|Session 4. Beyond the Standard Flare Model|Session 5. Flare- & CME-Associated Evolution of Active-Region Coronal Currents
056	Alin Razvan Paraschiv	National Solar Observatory	Incorporating a method for inferring solar coronal 3D magnetic fields using IQU-only spectropolarimetry into the CLEDB package.	WG1: Solar	Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere|Session 6. Modern approaches to investigate larger scale structures in the heliosphere
057	Momchil E. Molnar	High Altitude Observatory	Measuring CME magnetic fields through their prominences: He I 1083 nm as unsaturated Hanle diagnostic of the coronal magnetic field	WG1: Solar	Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere|Session 6. Modern approaches to investigate larger scale structures in the heliosphere
058	Mari Paz Miralles	Center for Astrophysics | Harvard & Smithsonian	Thermal and Magnetic Properties of Coronal Cavities in Pseudostreamers and Helmet Streamers	WG1: Solar	Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era
059	Jiong Qiu	Montana State U.	Analyzing and Modeling the Shear Evolution of Post-Reconnection Flare Loops (PRFLs)	WG1: Solar	Session 4. Beyond the Standard Flare Model
060	J. Lorincik	BAERI/LMSAL	Probing progression of flare heating through the lower solar atmosphere via high cadence IRIS spectroscopy	WG1: Solar	Session 4. Beyond the Standard Flare Model
061	Maria D. Kazachenko	University of Colorado Boulder / National Solar Observatory	Toward Improved Understanding of Magnetic Field Evolution during Solar Flares: Analysis of Observation Proxies in Realistic Data-Driven Flare Simulation	WG1: Solar	Session 4. Beyond the Standard Flare Model

062	Marcel F. Corchado-Albelo	University of Colorado Boulder, National Solar Observatory, Laboratory for Atmospheric and Space Physics	Spatial Complexity of Flare Ribbon Boundaries	WG1: Solar	Session 4. Beyond the Standard Flare Model|2024 Student Poster
063	Brian T. Welsch	University of Wisconsin - Green Bay	How Does Magnetic Twist at the Solar Photosphere Evolve Prior to Large, Eruptive Flares?	WG1: Solar	Session 5. Flare- & CME-Associated Evolution of Active-Region Coronal Currents
064	Georgios Chintzoglou	Lockheed Martin Solar and Astrophysics Lab	COLLISIONAL SHEARING: A POSSIBLE PROCESS BEHIND RECURRENT EXPLOSIVE ACTIVITY IN SOLAR ACTIVE REGIONS	WG1: Solar	Session 5. Flare- & CME-Associated Evolution of Active-Region Coronal Currents
065	Xu Yang	BBSO/NJIT	X1.0 Flare with Filament Eruption and Moving White Light Flare Ribbons	WG1: Solar	Session 5. Flare- & CME-Associated Evolution of Active-Region Coronal Currents
066	Kenny Kenny	University of Colorado Boulder	WISPR translational tomography: extracting locations of nearby coronal rays	WG1: Solar	Session 6. Modern approaches to investigate larger scale structures in the heliosphere|Session 9. Addressing your SHINE Science Questions with Radio Data|2024 Student Poster
067	Cynthia Lopez-Portela	UMBC GSFC-NASA	Multi-Spacecraft Analysis of 3D-Trajectory of Blobs in the Solar Corona	WG1: Solar	Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
068	Samuel T. Badman	Center for Astrophysics | Harvard & Smithsonian	Structure of the Alfv√©n surface as probed by Parker Solar Probe and Solar Orbiter	WG1: Solar	Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
069	Zhenguang Huang	University of Michigan	Is the Average Energy Deposition Rate in Open Field Regions Constant?	WG1: Solar	Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
070	Tyler Eddy	University of Michigan	Concurrent Frozen-in-Flux and Frozen-in-Charge-State Theorems: A Tool for In Situ Solar Wind Measurements	WG1: Solar	Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era|2024 Student Poster
071	Alessandro Liberatore	Jet Propulsion Laboratory	Challenges in Forecasting the Evolution of a Distorted CME Observed During the First Close Solar Orbiter Perihelion	WG1: Solar	Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era
072	Richard Zhang	Cupertino High School and Stanford University	Statistical Survey of Quasi-periodic Fast-mode Propagating Wave Trains (QFPs) Associated with Flares/CMEs in the Solar Corona	WG1: Solar	Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era
073	Samuel J. Schonfeld	Air Force Research Laboratory	SIFT/ADAPT Nowcasting and Forecasting of GOES EUVS Irradiance Observations	WG1: Solar	
074	Jackson MacTaggart	University of Michigan	Evolution of Open Magnetic Flux and Solar Wind Across Multiple Solar Cycles	WG1: Solar	
075	Amaal Mohamed	NRIAG	Initial findings on the presence of a flux rope during the February 15, 2011 coronal mass ejection (CME) eruption, analyzed using the nonlinear force-free field (NLFFF) model	WG1: Solar	
076	Amr Hamada	National Solar Observatory	Far-Side Active Regions Based on Helioseismic and EUV Measurements: A New Dataset for Heliospheric Machine Learning Advancements	WG1: Solar	
077	Arpita Roddanavar	New Jersey Institute of Technology	A Data-constrained Magnetohydrodynamic Simulation of the X2.1 Flare on September 6, 2011	WG1: Solar	
078	Christina Kay	APL	LLAMACoRe and More!	WG1: Solar	
079	Cooper Downs	Predictive Science Inc.	Plasma Dynamics and Connectivity Evolution in a Time-Evolving Model of the Global Solar Corona	WG1: Solar	
080	E Johnson	University of Delaware	Collisional Analysis	WG1: Solar	
081	Joel Dahlin	University of Maryland, College Park	CME Precursors in an MHD Eruption Model	WG1: Solar	
082	Jon Linker	Predictive Science Inc	The Open-source Flux Transport (OFT) model: Application to Time-Evolving MHD Models	WG1: Solar	
083	Khagendra katuwal	NMSU	Magnetic flux imbalalnce in the coronal holes and their relation with solar wind speed	WG1: Solar	
084	Kinfe Teweldebirhan Gebreegzabihar	NASA and CUA	Magnetic Field-Dependent Inflows towards Active Regions & Their Nonlinear Impact on a 3D Babcock-Leighton Solar Dynamo Model	WG1: Solar	
085	Liang Zhao	University of Michigan	Understanding the Solar Wind in-situ Measurements of ACE and Solar Orbiter with Machine Learning and Artificial Intelligence	WG1: Solar	
086	Lizet Casillas	University of California, Los Angeles	Investigating the Structure and Dynamics of the Heliospheric Current Sheet	WG1: Solar	
087	Madison Ascione	George Mason University	An Observational Summary of a Magnetic Island in WISPR-I Images	WG1: Solar	
088	Peter Schuck	NASA/GSFC	The signature of sheath currents during emergence	WG1: Solar	
089	Valmir Moraes Filho	Catholic University at NASA/GSFC	SynCOM: A Model for High-Resolution Simulations of Transient Solar Wind Flows	WG1: Solar	
090	Zhaoming Gan	New Mexico Consortium	High-Resolution Global MHD Simulations of the Near-Sun Solar Wind Turbulence	WG1: Solar	
091	Elizabeth Wraback	University of Michigan	Simulations and Diagnostics of CME Charge State Evolution from the Transition Region through Heliosphere	WG1: Solar|WG2: Interplanetary	2024 Student Poster
092	Shirsh Soni	University of Michigan	Evolution of Switchback Patches Involves Parallel Heating of Ions along Straightening Field Lines	WG1: Solar|WG2: Interplanetary	Session 1. Exploring the Solar and Stellar Connection: Investigating Solar and Stellar Winds in Relation to Magnetic Fields and Eruptions|Session 16. The role of the Helicity Barrier: Impact on Solar Wind Imbalanced Turbulence and Heating|Session 2. Understanding Variations in Sun's Global Flows|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
093	Gabor Toth	University of Michigan	Non-adiabatic Shock Heating in Extended Magnetohydrodynamic Models	WG1: Solar|WG2: Interplanetary	Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations|Session 6. Modern approaches to investigate larger scale structures in the heliosphere
094	Guanglu Shi	Purple Mountain Observatory, Chinese Academy of Sciences	Refinement of global coronal and interplanetary magnetic field extrapolations constrained by remote-sensing and in situ observations at the solar minimum	WG1: Solar|WG2: Interplanetary	Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration|2024 Student Poster
095	Yihua Yan	National Space Science Center, Chinese Academy of Sciences	Explore the solar-terrestrial disturbances by radio technique	WG1: Solar|WG2: Interplanetary	Session 9. Addressing your SHINE Science Questions with Radio Data
096	Yeimy Rivera	Center for Astrophysics | Harvard & Smithsonian	Coordinated Coronal and Heliospheric Observations During the 2024 Total Solar Eclipse	WG1: Solar|WG2: Interplanetary|WG3: Solar energetic particles	Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
097	Jaye Verniero	NASA/GSFC	Hear the songs of the inner heliosphere recorded by Parker Solar Probe	WG1: Solar|WG2: Interplanetary|WG3: Solar energetic particles|WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range|Session 6. Modern approaches to investigate larger scale structures in the heliosphere|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era
098	C. Alex Young	NASA Goddard Heliophysics	Solar Physics Community Feedback on the Solar Data Analysis Center	WG1: Solar|WG2: Interplanetary|WG3: Solar energetic particles|WG4: Microphysics	
099	Rohit Chhiber	University of Delaware & NASA GSFC	On the properties of the Alfven transition zone separating the solar corona and the solar wind	WG1: Solar|WG2: Interplanetary|WG4: Microphysics	Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations|Session 6. Modern approaches to investigate larger scale structures in the heliosphere

100	Leah Zuckerman	University of Colorado, Boulder	Unsupervised Machine Learning to Identify Structures of the Solar Photosphere	WG1: Solar|WG3: Solar energetic particles	2024 Student Poster
101	Meng Jin	Lockheed Martin Solar and Astrophysics Lab (LMSAL)	Exploring the Dynamics of CME-Driven Shocks by Combining Numerical Modeling and Observations	WG1: Solar|WG3: Solar energetic particles	Session 1. Exploring the Solar and Stellar Connection: Investigating Solar and Stellar Winds in Relation to Magnetic Fields and Eruptions|Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays|Session 13. Solar Energetic Particle (SEP) acceleration near the Sun|Session 14. Understanding the role of turbulence and diffusion in SEP transport in the inner heliosphere
102	Sailee Sawant	The University of Alabama in Huntsville	Automated Solar Active Region Identification and Characterization Module for the SEPCaster Model	WG1: Solar|WG3: Solar energetic particles	Session 13. Solar Energetic Particle (SEP) acceleration near the Sun|Session 15. Machine learning-based predictions of solar flares and SEP events
103	Mariana Jeunon	NASA Goddard Space Flight Center/Catholic University of America	Solar Jet Hunter: A Citizen Science Approach to Identifying Coronal Jets in the Sun	WG1: Solar|WG3: Solar energetic particles	
104	Riddhi Bandyopadhyay	Princeton University	Energetic Electron Reversals Observed inside Switchbacks	WG1: Solar|WG3: Solar energetic particles|WG4: Microphysics	Session 14. Understanding the role of turbulence and diffusion in SEP transport in the inner heliosphere
105	Mia Mancuso	New Jersey Institute of Technology (NJIT)	Magnetic Eruption from a Three-ribbon Flare	WG1: Solar|WG4: Microphysics	2024 Student Poster
106	Juan Camilo Buitrago-Casas	Space Sciences Laboratory - UC Berkeley	Advancing Solar Flare Forecasting with Early Signature Detection	WG1: Solar|WG4: Microphysics	Session 15. Machine learning-based predictions of solar flares and SEP events
107	Talwinder Singh	Georgia State University	Solar Flare Forecasting using multiple Machine Learning Models and SDO/HMI Data	WG1: Solar|WG4: Microphysics	Session 15. Machine learning-based predictions of solar flares and SEP events
108	Ramiz Qudsi	Boston University	Congruency Of Enhancement In Magnetic Partial Variance Of Increments And Dayside Magnetopause Reconnections	WG1: Solar|WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range
109	Tak Chu Li	Dartmouth College	Electron-only and ion-coupled magnetic reconnection in plasma turbulence: magnetic flux transport signatures	WG1: Solar|WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range|Session 4. Beyond the Standard Flare Model
110	Ayla Weitz	University of Colorado Boulder / NSO	Sunspot Penumbral Fine-Scale Bright Dots as a Precursor to Coronal Plumes?	WG1: Solar|WG4: Microphysics	Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration|2024 Student Poster
111	Dominic Payne	University of Maryland	How Magnetic Shear Influences Local Thermodynamics Before and During Reconnection Onset	WG1: Solar|WG4: Microphysics	Session 5. Flare- & CME-Associated Evolution of Active-Region Coronal Currents
112	Christopher Rowell	Florida Institute of Technology	Determining the Origin and Magnetic Connection of Solar Wind Streams Using Time-Backward and Time-Forward MHD Simulations	WG2: Interplanetary	2024 Student Poster
113	Dinesha Hegde	The University of Alabama in Huntsville	MHD Modeling of the Ambient Solar Wind with Quantified Uncertainties: Multi-Spacecraft Validation in the Inner Heliosphere	WG2: Interplanetary	2024 Student Poster
114	Katherine Holland	Embry-Riddle Aeronautical University, NASA Kennedy Space Center	Understanding Dissipation of Length Scales of Solar Wind Magnetic Structures from L1 to Lunar Orbit to Earth,Äôs Bow Shock Using Information Theory	WG2: Interplanetary	2024 Student Poster
115	Nikolett Biro	University of Michigan	Latitudinal Variation of the Background Solar Wind in the Inner Heliosphere from Multi-Spacecraft Observations	WG2: Interplanetary	2024 Student Poster
116	Sarah Henderson	Montana State University, Bozeman, MT, USA	Corotating Interaction Regions at Mars: Observations by MAVEN	WG2: Interplanetary	2024 Student Poster
117	Siqi Wang	University of Hawaii at Manoa	Properties of Forbush Decreases with AMS-02 daily Proton, Helium and Electron data	WG2: Interplanetary	2024 Student Poster
118	Bernard V. Jackson	Department of Astronomy and Astrophysics, University of California, San Diego, 9500 Gilman Drive #0424, La Jolla, CA 92093-0424, USA	The UCSD Real-Time 3-D Heliospheric Reconstruction Analyses as Citizens,Äô Science Outreach	WG2: Interplanetary	Session 10. Seeing the Unseen: Sun in radio wavelengths|Session 2. Understanding Variations in Sun's Global Flows|Session 6. Modern approaches to investigate larger scale structures in the heliosphere|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era|Session 9. Addressing your SHINE Science Questions with Radio Data
119	Sanchita Pal	NASA GSFC	Automatic classification of solar wind stream in the interplanetary medium	WG2: Interplanetary	Session 15. Machine learning-based predictions of solar flares and SEP events|Session 6. Modern approaches to investigate larger scale structures in the heliosphere
120	Elena Provornikova	JHU APL	High-resolution global MHD simulation of interplanetary propagation of September 5, 2022 CME event	WG2: Interplanetary	Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations
121	Jia Huang	Space Sciences Laboratory, U.C. Berkeley	The Temperature Anisotropy and Alpha Abundance Features of Alfv√©nic Slow Solar Wind Observed by Parker Solar Probe and Wind Missions	WG2: Interplanetary	Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations|Session 2. Understanding Variations in Sun's Global Flows|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
122	Jamie Jasinski	NASA Jet Propulsion Laboratory, California Institute of Technology.	Voyager 2 measurements of solar wind corotating interaction regions at Uranus	WG2: Interplanetary	Session 17. Making Cross-Heliospheric and Cross-Scale Connections with Global Modeling and Observations|Session 6. Modern approaches to investigate larger scale structures in the heliosphere
123	Chin-Chun Wu	US Naval Research Laboratory, Washington D. C., USA	Global simulation of the solar wind validated with Ulysses measurements	WG2: Interplanetary	Session 2. Understanding Variations in Sun's Global Flows
124	Mario Bisi	UKRI STFC RAL Space	Radio Investigations for Space Environment Research (RISER): Year 1 Progress	WG2: Interplanetary	Session 2. Understanding Variations in Sun's Global Flows|Session 6. Modern approaches to investigate larger scale structures in the heliosphere|Session 9. Addressing your SHINE Science Questions with Radio Data
125	Mingzhe Liu	Space Sciences Laboratory, University of California, Berkeley, CA94720-7450, USA	Calibration of antenna and spacecraft floating potential measurements for Parker Solar Probe	WG2: Interplanetary	Session 20. The Things I Wish the Community Would Stop Getting Wrong: Facilitating Knowledge Dissemination (Town Hall)
126	Ying Wang	New jersey institute of technology	Multi-Observational Analysis of a Rotating CME from Solar Eruption to Earth Impact	WG2: Interplanetary	Session 5. Flare- & CME-Associated Evolution of Active-Region Coronal Currents
127	Andreas J. Weiss	NASA Postdoctoral Program Fellowship	Distorted Magnetic Flux Ropes within Interplanetary Coronal Mass Ejections	WG2: Interplanetary	Session 6. Modern approaches to investigate larger scale structures in the heliosphere
128	Brian Wood	Naval Research Laboratory	Multi-spacecraft Probing of CME Field Structure at Small Longitudinal Separations	WG2: Interplanetary	Session 6. Modern approaches to investigate larger scale structures in the heliosphere
129	Nada Al-Haddad	Space Science Center, UNH	Estimating the Magnetic Helicity of Coronal Mass Ejections at 1 AU.¬†	WG2: Interplanetary	Session 6. Modern approaches to investigate larger scale structures in the heliosphere
130	Qiang Hu	The University of Alabama in Huntsville (UAH)	Characterization of ICME magnetic flux ropes from multiview observations	WG2: Interplanetary	Session 6. Modern approaches to investigate larger scale structures in the heliosphere
131	Chip Manchester	University of Michigan	Three-Dimensional Simulation of Geo-Effective Small-to-Mesoscale Solar Wind Structures Observable by SWIFT Constellation	WG2: Interplanetary	Session 6. Modern approaches to investigate larger scale structures in the heliosphere
132	Sahanaj Aktar Banu	University of New Hampshire	Multi-Spacecraft Measurements of CMEs by¬†Wind and STEREO-A: 2022 ,Äi 2023¬†	WG2: Interplanetary	Session 6. Modern approaches to investigate larger scale structures in the heliosphere|2024 Student Poster
133	Phillip Hess	US Naval Research Laboratory	Combining Images from PSP/WISPR, SolO/SoloHI and 1 AU to Track Small Scale Features within Coronal Mass Ejections	WG2: Interplanetary	Session 6. Modern approaches to investigate larger scale structures in the heliosphere|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era

134	Anthony Rasca	CU/CIRES	Comparing Operational Geospace Model Results Using STEREO-A and L1 Storm Observations	WG2: Interplanetary	Session 6. Modern approaches to investigate larger scale structures in the heliosphere|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era
135	Bin Zhuang	University of New Hampshire	Understanding the Evolution of the Three-Part Structure of a Coronal Mass Ejection on 2012 July 26	WG2: Interplanetary	Session 6. Modern approaches to investigate larger scale structures in the heliosphere|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era
136	Evangelia Samara	NASA/Goddard	Modeling time-dependent solar wind in the inner heliosphere: advances and challenges	WG2: Interplanetary	Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
137	Nicholeen Viall	NASA Goddard Space Flight Center	Periodic Solar Wind Density Structures	WG2: Interplanetary	Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
138	Laura Balmaceda	George Mason University	EXPLORING THE ROOT CAUSE OF THE CME‚ÄôS ROTATION IN THE HELIOSPHERE	WG2: Interplanetary	Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration|Session 8. Unifying the Physical Understanding of CMEs through Remote Sensing and In-Situ Observations in the PSP/SolO Era
139	Vamsee Krishna Jagarlamudi	Johns Hopkins University Applied Physics Laboratory	Sub-Alfv√©nic Wind Intervals Observed by Parker Solar Probe	WG2: Interplanetary	
140	Alexandre (Leo) Brosius	Penn State/GSFC	Wave and Perturbation Polarization Techniques: Adaptive Minimum Variance Analysis (MVA) and M√∂bius Transformation	WG2: Interplanetary	
141	Bennett A. Maruca	University of Delaware	The Trans-Heliospheric Survey: Trends in Plasma Parameters Across the Heliosphere	WG2: Interplanetary	
142	Chen Shi	UCLA	Analytic model and MHD simulations of three-dimensional magnetic switchbacks	WG2: Interplanetary	
143	John Richardson	MIT	Voyager Observations of the Interstellar Medium	WG2: Interplanetary	
144	Kyle Webster	University of California Los Angeles	Identifying Solar Wind Time Intervals at Mars: Comparing a physics-based algorithm with a machine learning approach	WG2: Interplanetary	
145	Lidiya Ahmed	Harvard University, Smithsonian Astrophysical Observatory	Using Dynamic Time Warping to Understand the Radial Evolution of Solar Wind Streams	WG2: Interplanetary	
146	Noe Lugaz	University of New Hampshire	The Angular Width of Coronal Mass Ejections as Derived from Multi-Spacecraft Measurements with STEREO	WG2: Interplanetary	
147	Rayta Pradata	University of Delaware	Exploring Low Frequency Interplanetary Magnetic Field Spectra at ~0.4 AU using MESSENGER Data	WG2: Interplanetary	
148	Senbei Du	Boston University	The effects of turbulence on heliosheath ions and implications for energetic neutral atoms	WG2: Interplanetary	
149	Viacheslav Sadykov	Georgia State University	Testing Machine Learning Approach for Identification and Categorization of Ion-Kinetic Instabilities on Hybrid-PIC Simulations	WG2: Interplanetary	
150	Yakub Olufadi	University of New Hampshire	Evolution of CME Properties through Superposed Epoch Analysis from 0.2 to 1.2 au	WG2: Interplanetary	
151	David Galarza	University of Florida	Suprathermal Electron Transport Within the Heliosphere	WG2: Interplanetary|WG3: Solar energetic particles	2024 Student Poster
152	Alicia Petersen	University of Florida	Suprathermal Electrons in the Heliospheric Magnetic Field	WG2: Interplanetary|WG3: Solar energetic particles	Session 1. Exploring the Solar and Stellar Connection: Investigating Solar and Stellar Winds in Relation to Magnetic Fields and Eruptions|Session 6. Modern approaches to investigate larger scale structures in the heliosphere|Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
153	James Ryan	UNH	What's Wrong with the Idea that CME-Shock Particles Produce 100-MeV Gamma Rays?	WG2: Interplanetary|WG3: Solar energetic particles	Session 11. Neutron Monitors and GLEs‚ÄîThe Big Picture|Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays|Session 13. Solar Energetic Particle (SEP) acceleration near the Sun
154	Jakobus A. le Roux	University of Alabama in Huntsville	Tempered Superdiffusive Shock Acceleration at a Perpendicular Shock	WG2: Interplanetary|WG3: Solar energetic particles	Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays|Session 13. Solar Energetic Particle (SEP) acceleration near the Sun|Session 14. Understanding the role of turbulence and diffusion in SEP transport in the inner heliosphere
155	Maher A. Dayeh	Southwest Research Institute	Observational evidence of interplanetary field line meandering	WG2: Interplanetary|WG3: Solar energetic particles	Session 14. Understanding the role of turbulence and diffusion in SEP transport in the inner heliosphere
156	Paria Abouhamzeh	Department of Space Science, The University of Alabama in Huntsville	Preliminary Modeling of the Structure of Shocks Mediated by Pickup Ions	WG2: Interplanetary|WG3: Solar energetic particles	Session 22. Pickup Ions in the Heliosphere and Beyond
157	Adam Szabo	NASA/GSFC	The Heliospheric Current Sheet Observed by Parker Solar Probe	WG2: Interplanetary|WG3: Solar energetic particles	Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
158	Fernando Carcaboso	NPP NASA GSFC	Exploring Electron Pitch Angle Distributions from PSP in Solar Wind	WG2: Interplanetary|WG3: Solar energetic particles	
159	Pierre-Simon Mangeard	University of Delaware	Sensitivity of the Galactic Cosmic Ray Anisotropy from Neutron Monitors to the Large Scale Averaged Interplanetary Magnetic Field	WG2: Interplanetary|WG3: Solar energetic particles	
160	Nicholas Furioso	University of Florida	Solar Energetic Particle Transport Using Discrete Exterior Calculus¬†	WG2: Interplanetary|WG3: Solar energetic particles|WG4: Microphysics	
161	Lingling Zhao	University of Alabama in Huntsville	Turbulence, Waves, and Taylor‚Äôs hypothesis for Heliosheath Observations	WG2: Interplanetary|WG4: Microphysics	Session 19. Unraveling Turbulence Dynamics in the Very Local Interstellar Medium (VLISM) and the Connection with Heliophysics
162	Eric Zirnstein	Princeton University	Global Heliospheric Termination Shock Strength in the Solar-Interstellar Interaction	WG2: Interplanetary|WG4: Microphysics	Session 22. Pickup Ions in the Heliosphere and Beyond
163	M. Akhavan-Tafti	University of Michigan	SWIFT: Resolving the Three-Dimensional Morphology and Dynamics of Geo-Effective Solar Wind Structures	WG2: Interplanetary|WG4: Microphysics	Session 6. Modern approaches to investigate larger scale structures in the heliosphere
164	Seth Dorfman	Space Science Institute	Probing the edge of a large-scale wave region with single spacecraft techniques	WG2: Interplanetary|WG4: Microphysics	Session 6. Modern approaches to investigate larger scale structures in the heliosphere
165	Alyssa Russell	University of Michigan	Investigating the characteristics of suprathermal heavy ion composition in fast solar wind and ICMEs using WIND/STICS observations over 1998-2018	WG2: Interplanetary|WG4: Microphysics	Session 7. Achieving coronal and solar wind science closure with multi-mission collaboration
166	Dylan Conner	West Virginia University	Venusian DC Electric Fields Using PSP; Looking into Different Sources and their Uncertainties	WG2: Interplanetary|WG4: Microphysics	
167	Xiangrong Fu	Los Alamos National Laboratory	Parametric Decay Instability and Density Fluctuations in the Near-Sun Solar Wind	WG2: Interplanetary|WG4: Microphysics	
168	Andrew Kuhlman	University of New Hampshire	Redepolyment of the Haleakala Neutron Monitor in Hawaii	WG3: Solar energetic particles	2024 Student Poster
169	Nibuna Siranjeevi Madam Subashchandar	Department of Space Science and Center for Space Plasma and Aeronomic Research (CSPAR), The University of Alabama in Huntsville.	A new improved Force-Field model to study the solar modulation of galactic cosmic rays	WG3: Solar energetic particles	2024 Student Poster

170	Prachi Sanjay Pathare	UTSA-SwRI	Properties of Energetic Particles in the Sub-Alfv√©nic Solar Wind Flow Observed by Parker Solar Probe	WG3: Solar energetic particles	2024 Student Poster
171	Syed Ayaz	University of Alabama in Huntsville	Alfven waves in Temperature Anisotropic Cairns Distributed Plasma	WG3: Solar energetic particles	2024 Student Poster
172	Weihao Liu	University of Michigan	High-Resolution Poisson Bracket Scheme Performance on Solar Energetic Particle and Galactic Cosmic Ray Simulations	WG3: Solar energetic particles	2024 Student Poster
173	Cristina Consolandi	University of Hawaii	Calibration of Neutron Monitor Yield Functions with AMS Data on the ISS	WG3: Solar energetic particles	Session 11. Neutron Monitors and GLEs,ÃïThe Big Picture
174	Du Toit Strauss	Centre for Space Research, North-West University, South Africa	Measuring the waiting time distribution of neutron monitor counts	WG3: Solar energetic particles	Session 11. Neutron Monitors and GLEs,ÃïThe Big Picture
175	Arfa Mubashir	Georgia State University	¬†Muon and neutron flux time lag analysis and variations during recent high solar activity days at different geomagnetic cutoff rigidities	WG3: Solar energetic particles	Session 11. Neutron Monitors and GLEs,ÃïThe Big Picture|2024 Student Poster
176	Malcolm Colson	University of New Hampshire	Investigating the Connection between Cosmic Rays and Cloud Coverage	WG3: Solar energetic particles	Session 11. Neutron Monitors and GLEs,ÃïThe Big Picture|2024 Student Poster
177	Claudio Corti	CCMC; University of Hawaii at Manoa	A comprehensive database of galactic cosmic ray measurements for tuning and validating deep-space radiation models	WG3: Solar energetic particles	Session 11. Neutron Monitors and GLEs,ÃïThe Big Picture|Session 14. Understanding the role of turbulence and diffusion in SEP transport in the inner heliosphere
178	J. Grant Mitchell	NASA/GSFC	ISOIS Solar Gamma-Ray Measurements: Calibrations and Observations from First Measurement	WG3: Solar energetic particles	Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays
179	Jeongbhin Seo	Los Alamos National Laboratory	Efficient Electron Acceleration in the Solar Flare Region	WG3: Solar energetic particles	Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays
180	Radoslav Bucik	Southwest Research Institute, San Antonio, TX, USA	Origin of 3He abundance enhancements in gradual solar energetic particle events	WG3: Solar energetic particles	Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays
181	Rick Leske	California Institute of Technology	A Preliminary Survey of Gamma-Ray Flares Detected by EPI-Hi on Parker Solar Probe	WG3: Solar energetic particles	Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays
182	Wenwen Wei	Space Sciences Laboratory, University of California, Berkeley	Very Large and Long-lasting Anisotropies Caused by Sunward Streaming Energetic Ions: Solar Orbiter and STEREO A Observations	WG3: Solar energetic particles	Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays
183	Adele Payman	Caltech	Diagnostic for detecting X-ray producing electrons in the Caltech MHD jet experiment	WG3: Solar energetic particles	Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays|2024 Student Poster
184	Samuel T. Hart	The University of Texas at San Antonio	Recurrent 3He-rich Injections Observed by Parker Solar Probe and ACE During Quiescent Solar Wind Conditions	WG3: Solar energetic particles	Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays|Session 13. Solar Energetic Particle (SEP) acceleration near the Sun
185	Abdullah Shmies	The University of Texas at San Antonio	Timing Analysis of Extreme Solar Energetic Particle Events	WG3: Solar energetic particles	Session 12. Particle Acceleration in Solar Flares and at CME-driven Shocks: Their Interconnection in Producing SEPs and Gamma-rays|Session 13. Solar Energetic Particle (SEP) acceleration near the Sun|2024 Student Poster
186	G.D. Muro	California Institute of Technology	A preliminary analysis of 3He-rich solar energetic particle events measured via ISOIS during Parker Solar Probe,Äôs orbit 19	WG3: Solar energetic particles	Session 13. Solar Energetic Particle (SEP) acceleration near the Sun
187	Zigong Xu	California Institute of Technology	Inverse velocity arrival feature of the 31 December 2023 SEP event	WG3: Solar energetic particles	Session 13. Solar Energetic Particle (SEP) acceleration near the Sun
188	Pouya Hosseinzadeh	Utah State University	Enhancing SEP Event Prediction through Time Series Data Augmentation	WG3: Solar energetic particles	Session 13. Solar Energetic Particle (SEP) acceleration near the Sun|2024 Student Poster
189	Fan Guo	Los Alamos National Laboratory	Fine-scale Variations of Energetic Particle intensities in Solar Energetic Particle Events in the Inner Heliosphere	WG3: Solar energetic particles	Session 14. Understanding the role of turbulence and diffusion in SEP transport in the inner heliosphere
190	Katie Whitman	KBR, NASA JSC SRAG	First Results from NASA's Ongoing SEP Model Validation (SEPVAL) Effort	WG3: Solar energetic particles	Session 15. Machine learning-based predictions of solar flares and SEP events
191	Nikolai Pogorelov	The University of Alabama in Huntsville	Global Heliosphere: The Role of Pickup Ion, Neutral Atoms, and Galactic Cosmic Rays	WG3: Solar energetic particles	Session 22. Pickup Ions in the Heliosphere and Beyond
192	Yifan Huang	LANL	On the anisotropy of the interstellar pick up ions in the solar wind	WG3: Solar energetic particles	Session 22. Pickup Ions in the Heliosphere and Beyond
193	Malik Walker	Johns Hopkins University	Radial Dependency of CME-associated Particle Acceleration Processes via Multipoint Observations from 2010-2024	WG3: Solar energetic particles	
194	A. Santa Fe Duenas	UNH	Energetic Storm Particle CME Deflection during Solar Cycles 23 and 24	WG3: Solar energetic particles	
195	Aatiya Ali	Georgia State University	Comparative Analysis of Solar Proton Event Characteristics at Lagrange Point-1 and the Geostationary Orbit	WG3: Solar energetic particles	
196	Amelia Lee	Mount Holyoke College	Analysis of Longitudinal Spread of Impulsive SEP Events Using Time-Intensity Profiles and Energetic Ion Spectra	WG3: Solar energetic particles	
197	Anastasia Kuske	New Jersey Institute of Technology (NJIT)	Characterizing the Statistical Properties and Long-Term Evolution of Type III Solar Radio Bursts	WG3: Solar energetic particles	
198	Ashraf Moradi	University of Arizona	SEP Anisotropy Map of the Impulsive Solar Energetic Particle Events at Earth	WG3: Solar energetic particles	
199	Chloe Heifner	University of Delaware, University of Wisconsin-River Falls	Investigation of Neutron Monitor Response to Cosmic Ray Air Showers	WG3: Solar energetic particles	
200	Chris Light	NASA - CCMC	Forbush-like shielding of Solar Energetic Particles	WG3: Solar energetic particles	
201	Hui Li	Los Alamos National Laboratory	Transport of Energetic Particles in the Compressible MHD Turbulence with Asymmetric Frequency Broadening Effects	WG3: Solar energetic particles	
202	Vahe Petrosian	Stanford Universoty	Particle Acceleration and Transport at the Flare Site and CME-driven Shock and their Interconnections	WG3: Solar energetic particles	
203	G. Pomraning	Princeton University, Princeton Plasma Physics Laboratory	Particle Acceleration due to Magnetically Driven Reconnection using Laser-Powered Capacitive Coils	WG3: Solar energetic particles|WG4: Microphysics	2024 Student Poster
204	Hanqing Ma	University of Maryland	Whistler Wave Scattering of Energetic Electrons Past 90,ó¶	WG3: Solar energetic particles|WG4: Microphysics	2024 Student Poster
205	Manuel Enrique Cuesta	Princeton University	Correlation between the Upstream Diffusion Coefficient and a Shock's Peak Energetic Particle Intensity	WG3: Solar energetic particles|WG4: Microphysics	
206	Siyao Xu	University of Florida	Turbulence in the VLISM	WG3: Solar energetic particles|WG4: Microphysics	
207	Keyangootkin@gmail.com	University of Hawaii	The Non-Thermal Acceleration of Ions in Hybrid-Kinetic Supersonic Turbulence Simulations	WG3: Solar energetic particles|WG4: Microphysics	
208	Monika Karki	The University of Alabama in Huntsville	Evolution of Anisotropic Turbulence in the Slow Solar Wind between the Sun and the Earth	WG4: Microphysics	2022 Session 04. Heliospheric Turbulence I ,Äi Interplay of Large-scale Structure with Turbulence|2024 Student Poster
209	Geoffrey Jenkins	University of Michigan	Multi-point Correlation Scale Lengths of Solar Wind Magnetic Structures	WG4: Microphysics	2024 Student Poster

210	C. Crawford	The University of Alabama in Huntsville	The Scaling of Vortical Electron Acceleration in Thin-Current Magnetic Reconnection and Its Implications in Solar Flares	WG4: Microphysics	2024 Student Poster
211	Haotian Da	University of Maryland	The Production of ACRs through the Energization of Pickup Ions during Magnetic Reconnection	WG4: Microphysics	2024 Student Poster
212	Jada Walters	University of Arizona	10-Moment, Multi-Fluid Simulations of Proton Firehose Instabilities and Electron Behavior	WG4: Microphysics	2024 Student Poster
213	Joshua Goodwill	University of Delaware	Nonlinear Evolution and Energy Dissipation in Shear Driven Turbulence of Collisionless Plasma	WG4: Microphysics	2024 Student Poster
214	Rui Huang	Department of Physics and Astronomy, University of Iowa	What is Transit-Time Damping and How to Identify it in Space Plasma Turbulence	WG4: Microphysics	2024 Student Poster
215	Waverly Gorman	University of Arizona	Hybrid Simulations of Decaying High-Beta Plasma Turbulence	WG4: Microphysics	2024 Student Poster
216	Zhiyu Yin	University of Maryland	Modeling Electron and Proton Acceleration in Macroscale Magnetic Reconnection	WG4: Microphysics	2024 Student Poster
217	Benjamin Chandran	University of New Hampshire	Incorporating the Helicity Barrier and Turbulent Heating into a Two-Fluid Solar-Wind Model	WG4: Microphysics	Session 16. The role of the Helicity Barrier: Impact on Solar Wind Imbalanced Turbulence and Heating
218	Gregory Howes	University of Iowa	The Fundamental Parameters of Astrophysical Plasma Turbulence and its Dissipation	WG4: Microphysics	Session 16. The role of the Helicity Barrier: Impact on Solar Wind Imbalanced Turbulence and Heating|Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range|Session 19. Unraveling Turbulence Dynamics in the Very Local Interstellar Medium (VLISM) and the Connection with Heliophysics
219	Sarah Conley	Princeton University	The Kinetic Analog of the Pressure-Strain Interaction: Case Studies of Landau Damping	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range
220	Juan Carlos Palacios	Florida Institute of Technology	Parametric description of intermittent probability distribution functions in solar wind and magnetohydrodynamic turbulence	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range
221	M. Hasan Barbhuiya	West Virginia University	Analysis of the evolution of the phase space density of internal energy using pressure-strain interaction and heat flux	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range
222	Michael Terres	Smithsonian Astrophysical Observatory	Exploring Kinetic Processes in the Upper Corona and Solar Wind: Insights from Parker Solar Probe	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range
223	Samuel Fordin	University of Delaware	A Statistical Study of Wave Properties Across Multiple Solar Cycles	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range
224	Subash Adhikari	University of Delaware	Structure and scaling of electron pressure-strain interaction as a function of guide field in ion coupled reconnection	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range
225	Yi-Min Huang	Princeton University	Does the Coronal Heating Rate Depend on Microscopic Reconnection Physics?	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range
226	Ashok Silwal	University of Alabama in Huntsville	Evolution of solar wind turbulence during radial alignment of Parker Solar Probe with Solar Orbiter in December 2022	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range|2024 Student Poster
227	Lily Strus	University of Colorado Boulder	A Tale of Two Waves and a Particle: What lies beyond the Quasilinear Approximation	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range|2024 Student Poster
228	Hasith Perera	West Virginia University	Revisiting Landau damping of collisionless Langmuir waves through the lens of entropy	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range|2024 Student Poster
229	Jiaming Wang	Department of Physics and Astronomy, University of Delaware	Anisotropy of Density Fluctuations in the Solar Wind at 1 au	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range|2024 Student Poster
230	Sohom Roy	University of Delaware	Investigating the scale-dependent conversion of turbulent energy in the magnetosheath	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range|2024 Student Poster
231	Yogesh	CUA/GSFC NASA	Investigation on the dispersive ion-cyclotron waves in the solar wind	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range|2024 Student Poster
232	Yuliang Ding	EPSS, UCLA	Solar Wind Turbulence: Superposed‚Äêepoch Analysis of Corotating Interaction Regions	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range|2024 Student Poster
233	Zhuo Liu	Massachusetts Institute of Techonology	Electron-only reconnection and inverse magnetic-energy transfer at sub-ion scales	WG4: Microphysics	Session 18. Multiscale Nature of Plasma Turbulence from Inertial Scales to Dissipation Range|Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere|2024 Student Poster
234	Federico Fraternale	Center for Space Plasma and Aeronomic Research, The University of Alabama in Huntville	Time Variations in Turbulence Properties of the VLISM and Inner Heliosheath	WG4: Microphysics	Session 19. Unraveling Turbulence Dynamics in the Very Local Interstellar Medium (VLISM) and the Connection with Heliophysics
235	Gary Zank	University of Alabama in Huntsville	Understanding Turbulence in the Very Local Interstellar Medium (VLISM)	WG4: Microphysics	Session 19. Unraveling Turbulence Dynamics in the Very Local Interstellar Medium (VLISM) and the Connection with Heliophysics
236	Jessica Hamilton	Georgia State University	Studying Upward-Propagating Acoustic Waves in Realistic 3D RMHD Simulations of the Sun via Dynamics of Photospheric Fe I and Na I Lines	WG4: Microphysics	Session 3. Small-scale magnetism and dynamics in the lower solar atmosphere|2024 Student Poster
237	Katayoun Movassaghi Gargari	Florida Institute of Technology	On the Spatial Correlation of Solar Wind Turbulence	WG4: Microphysics	Session 6. Modern approaches to investigate larger scale structures in the heliosphere
238	Mason Dorseth	Florida Institute of Technology	On the nature of low-frequency power spectra in solar wind turbulence	WG4: Microphysics	Session 6. Modern approaches to investigate larger scale structures in the heliosphere
239	Chadi Salem	University of California Berkeley	On the Collisionality of Solar Wind Electrons: New Insights	WG4: Microphysics	
240	Kristopher Gregory Klein	University of Arizona	Traversing the Slopes of Phase Space with ALPS: Linear Dispersion Relations for Arbitrary Plasma Distributions	WG4: Microphysics	
241	Kyung-Eun Choi	Space Sciences Laboratory - UC Berkeley	Wave activity at switchback boundaries in the young solar wind	WG4: Microphysics	
242	Laxman Adhikari	The University of Alabama in Huntsville	MHD Inertial and Energy-containing Range Turbulence Anisotropy in the Young Solar Wind	WG4: Microphysics	
243	Leon Ofman	Catholic University of America and NASA GSFC	Modeling Anisotropic Ion Beams in the Solar Wind Guided by PSP Observations	WG4: Microphysics	
244	Neha Pathak	Laboratory for Atmospheric and Space Physics, University of Colorado, Boulder	Parallel Electric Fields at the Plasma Sheet Boundary Layer	WG4: Microphysics	
245	Nickolas Giardetti	Florida Institute of Technology	The Characteristics of Slow Solar Wind in Regions of High and Low Heliographic Latitude	WG4: Microphysics	
246	Niranjana Shankarappa	The University of Arizona	Estimated Heating Rates Due to Cyclotron and Landau Damping Using PSP Observations	WG4: Microphysics	

247	Nooshin Davis	University of New Hampshire	INSTABILITIES DRIVEN BY THE DRIFT AND TEMPERATURE ANISOTROPY OF PROTON BEAM IN THE SOLAR WIND	WG4: Microphysics	
248	Opal Issan	University of California San Diego	Anti-symmetric and Positivity Preserving Formulation for the Kinetic Equations	WG4: Microphysics	
249	P. S. Pyakurel	University of California - Berkeley	Investigating the Onset and Suppression of Reconnection in Plasma Environments: Insights from MMS Observations	WG4: Microphysics	
250	Zubair Shaikh	Space Sciences Laboratory, UC Berkeley, USA	Electrostatic Solitary Waves in the Earth's Magnetosheath	WG4: Microphysics	
251	Isaac Asante	Georgia State University	Comparison of ring diagrams based on the Doppler shift synthetic data obtained with bisector method and SDO/HMI pipeline	WG1: Solar	2024 Student Poster
252	Sarah Bruce	University of Colorado Boulder	K-Coronal Temperatures Eclipse Experiment	WG1: Solar	2024 Student Poster
253	Jack Schroeder	University of Wisconsin	Electron heating at Earth's quasi-perpendicular bow shock measured by MMS: a relative comparison of compression and magnetic pumping	WG4: Microphysics	2024 Student Poster