

Program

Day 1 (Aug 31)

Morning	
09:00	Modeling Solar Wind Properties from the Lower Solar Atmosphere toward the SOLAR-C Era Haruhisa Iijima
09:30	Bridging the Corona and Heliosphere with Contemporary Solar Missions Yeimy Rivera
09:50	Spectroscopic diagnostics of coronal fan loops using AIA and EIS Ananya Rawat
10:05	A Solar Wind Connectivity Pipeline with Quantified Uncertainties: Application to Solar Orbiter's First High-Latitude Observations Steph Yardley
10:20-11:05	Break (20 min) / Poster (25 min)
11:05	Probing the coronal dynamics of the solar north pole using Proba-3, Hinode and Solar Orbiter. Nawin Ngampoopun
11:20	Analysis of full-disk EIS spectra over a solar cycle to determine the optimum EUVST/SoSpIM calibration method Chloé Pilloud
11:35	Origin of the solar magnetic field responsible for interplanetary magnetic field variations Minami Yoshida
11:50-13:20	Lunch (1 hour) /Poster (30 min)
Afternoon	
13:20	Heating of the chromosphere and corona in the active regions of the Sun Souvik Bose
13:50	Linking Chromospheric Wave Activity to Coronal Abundance Fractionation in a Solar Active Region Using Hinode/EIS and GST/FISS Observations Kyoung-Sun Lee
14:10	Multi-fluid and multi-species numerical simulations and their application to the FIP effect: Ebysus Juan Martinez-Sykora
14:30	Solar Spicules: Insights from 3D Radiative-MHD and Synthetic Diagnostics Sanghita Chandra
14:45-15:05	Break
15:05	Detection of UV Bursts in Solar Active Region Using Variational AutoEncoder Masahiro Nishioka
15:20	The connection between coronal abundances and chromospheric properties Paola Testa

15:35	Chromospheric dynamics and the O I 135.6 nm spectral line. Viggo Hansteen
15:50	Chromospheric Fe I lines in the near-ultraviolet solar spectrum Edvarda Harnes
16:05	Chromospheric Dynamics of an Umbral Flare Kernel from SCIP–DST Coordinated Observations Ayumi Asai
16:20-17:30	Poster

Day 2 (Sep 1)

Morning	
09:00	Solar Surface Magnetism: 20 Years Since Hinode's Breakthrough David Orozco Suárez
09:30	Two Decades of High-Resolution Spectropolarimetry of Solar Polar Magnetic Fields with Hinode/SOT-SP Masahito Kubo
09:50	Coronal Magnetic Field Modeling: From Hinode Achievements toward SOLAR-C Daiki Yamasaki
10:10-11:00	Break (20 min) / Poster (30 min)
11:00	Umbral Flashes and Magnetic Field Structures Revealed by Spectro-polarimetric Observations in He I 10830 Å Yusuke Fukuchi
11:15	Structure and evolution of solar prominences observed by Hinode/SOT during solar cycles 24 and 25 Stephane Regnier
11:30	High-Resolution Sunspot Simulations and the Fine Structure of Penumbra and Evershed Flows Hideyuki Hotta
11:45-13:15	Lunch (1 hour) / Poster (30 min)
Afternoon	
13:15	First results from Sunrise III Smitha Narayanamurthy
13:45	Magnetic field distribution along spicules revealed with SUNRISE III/SCIP Yoshihiro Naito
14:00	Three-dimensional Magnetic Structures of Ellerman Bombs revealed by SUNRISE III/SCIP Yusuke Kawabata
14:15	DKIST observations of propagating chromospheric bright fronts Catherine Fischer
14:30	Multi-thermal Dynamics in Small-Scale Active Region Phenomena: Synergies from a Coordinated 2023 SOLARNET Ground-Space Campaign Salvo Guglielmino
14:45-15:05	Break
15:05	The SOLAR-C Mission in development Toshifumi Shimizu
15:25	Concept of Operations for the SOLAR-C Mission Shin Toriumi
15:40	Pre-flare and active region plasma flows and structure seen by the short wavelength camera on SOLAR-C/EUVST James McKeivitt

15:55	Magnetic Reconnection Science Strategy for SOLAR-C Shinsuke Imada
16:10-17:30	Poster

Day 3 (Sep 2)

Morning	
09:00	Beyond Hinode: Coronal Heating Research with EUVST Ignacio Ugarte
09:30	Connecting Coronal Loop Heating Frequency to Magnetic Properties in Non-flaring Active Regions with Hinode/EIS Will Barnes
09:50	Effects of Plasma Composition Variations on the Radiative Cooling of Solar Flare Loops Teodora Mihailescu
10:10-11:00	Break (20 min) / Poster (30 min)
11:00	Power-law Relationship between Solar X-Ray Luminosity and Total Unsigned Magnetic Flux: From Active Regions through X-ray Bright Points Keiji Yoshimura
11:15	Multi-thermal analysis of loop morphology and restructuring in active regions Bhinva Ram
11:30	Coronal Rain Dynamics and Morphology under Different Coronal Heating and Magnetic Field Conditions Takero Yoshihisa
11:45	Differences in Heating Distribution between Active-region Warm Loops and Quiet-region CBP Loops Hirohisa Hara
12:00	Group photo
	Excursion & Banquet Excursion & Banquet

Day 4 (Sep 3)

Morning	
09:00	Modeling Elemental Abundance Variations in the Solar Corona Jeffrey Reep
09:20	Solar Soft X-ray Investigations Using CubeSat Missions Crisel Suárez-Bustamante
09:40	Towards a better understanding of coronal abundance anomalies: high-order multi-fluid modelling of active region loops Nicolas Poirier
10:00-10:15	Break (15min)
10:15	ISEE Award
11:45-13:15	Lunch (1 hour) / Poster (30 min)
Afternoon	
13:15	Coronal heating by kink waves: RTV scaling laws & global models Tom Van Doorselaere
13:30	RMHD Modeling of Reconnection Nanojets: Energy Budget, Spectral Signatures and Implications for the Solar-C Mission Zekun Lu
13:45	Spectral Line Ratios: A Diagnostic of Elemental Abundances Luke Benavitz
14:00	Faint Hot Components of Quiescent Active Regions: a Statistical Study with NuSTAR, XRT, and AIA Jessie Duncan
14:15-15:05	Break (20 min) / Poster (30 min)
15:05	Compression, Impact and Hot Rebound Flows from Coronal Rain Downflows Patrick Antolin
15:20	A Bayesian Approach to Assessing the Accuracy of Coronal Abundance Diagnostics Natalia Zambrana Prado
15:35	Hinode/EUV Imaging Spectrometer Observations of the Sun-as-a-Star David Brooks
15:50-17:30	Poster

Day 5 (Sep 4)

Morning	
09:00	Deciphering filament eruptions and flare energy release through coordinated observations with Solar Orbiter Miho Janvier
09:30	Fine structure of flares as revealed by Solar Orbiter/EUI Hannah Collier
09:50	Flare Fine Structure: Recent 3D Modeling Results and Opportunities for Solar-C Joel Dahlin
10:10	Spatial and temporal variations of energy transport during solar flares: looking forward to Solar-C Graham Kerr
10:30-11:20	Break (20 min) / Poster (30 min)
11:20	Solar flare footpoint line broadening is predominantly field-aligned Andy Shu Ho To
11:35	Analyzing the hottest plasma in solar flares using X-ray measurements Muriel Stiefel
11:50	A long-term statistical analysis of cool coronal material linked to magnetic complexity and flaring Luke McMullan
12:05-13:35	Lunch (1 hour) / Poster (30 min)
Afternoon	
13:35	Modeling Flare Continuum Emission Observed by Hinode/EIS: Instrument Calibration and Element Composition Results Peter Young
13:50	Investigating Quasi-Periodic Pulsations in Solar Flares with Solar Orbiter/EUI Short-Exposure Images Marie Dominique
14:05	Comparing Observed and Synthetic Spectropolarimetric Signatures of Solar Flares with Machine Learning Fabiana Ferrente
14:20	Hi-C Flare Observations of a Sudden Fine-Scale Bright Kernel in Fe XXI 129 Å Emission During the Decay Phase of an M1.6-class Solar Flare Sanjiv Tiwari
14:35	Direct Focusing X-ray Imaging Spectroscopy of Solar Flares with FOXSI-4 and FOXSI-5 Shunsaku Nagasawa
14:50	Characterizing Flare Eruptivity of Solar Active Regions Based on Photospheric Magnetic Properties and Coronal Modeling Johan Muhamad
15:05	Solar Flare Ion Temperatures Alexander Russell

15:20-15:35

Hinode Summary
Takashi Sakurai