



The Third China-Europe Solar Physics Meeting (CESPM)

Handbook

**September 15-19, 2025
Beijing, China**

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General Information

The Third China-Europe Solar Physics Meeting (CESPM2025)

Time:

September 15-19, 2025 Beijing, China

Topics

1. Solar interior, dynamo and the solar cycle
2. The solar atmosphere from the solar surface into the interplanetary space: heating, cooling, dynamics, turbulence
3. Solar-Heliospheric connection: energy release, triggering, prediction and impact of flares/CMEs and the solar wind on Earth
4. Numerical modelling and machine learning
5. Solar instrumentation and ground/space missions

Organizer

Solar Physics Division, Chinese Astronomical Society (SPDC)

European Solar Physics Division (ESPD)

National Astronomical Observatories, Chinese Academy of Sciences (NAOC)

Sponsors

National Natural Science Foundation of China (NSFC)

Bureau of International Cooperation, Chinese Academy of Sciences

Scientific Organizing Committee (SOC)

Haisheng Ji (co-chair) (Purple Mountain Observatory)

Patrick Antolin (co-chair)(Northumbria University)

Istvan Ballai (Sheffield University)

Jörg Büchner (Berlin Institute of Technology)

Pengfei Chen (Nanjing University)

Yao Chen (Shandong University)

Yuanyong Deng (NAOC)

Jiansen He (Beijing University)

Petr Heinzel (Czech Academy of Sciences)

Jie Jiang (Beihang University)

Reetick Joshi (University of Oslo)

Rony Keppens (KU Leuven)

Eduard Kontar (Glasgow University)

Ioannis Kontogiannis (Leibniz Institute for Astrophysics)

Xiaohong Li (Max-Planck-Institut für Sonnensystem Forschung)

Jun Lin (Yunnan Astronomical Observatory)

Mariarita Murabito (Istituto Nazionale di Astrofisica)

Paolo Pagano (Università di Palermo)

Brigitte Schmieder (Observatoire de Paris)
Yihua Yan (National Space Science Center)
Guiping Zhou (NAOC)

Local Organizing Committee (LOC)

Shangbin Yang (co-chair) (NAOC)
Yu Liu (co-chair) (South West Jiaotong University)
Xin Cheng (Nanjing University)
Haiqing Xu (NAOC)
Jie Chen (NAOC)
Anda Xiong (NAOC)
Jun Yan (NAOC)
Quan Wang (NAOC)
Xing Hu (NAOC)
Hongyan Li (NAOC)
Xuan Meng (Purple Mountain Observatory)

Registration Location/Time

Time: September 14 12:00-22:00

Location: Beijing International Convention Center (BICC)/First Floor

Time: September 15 08:00-12:00

Location: Convention Hall No. 2

Beijing International Conference Center (BICC)

Venue

Time: September 15

Location: Convention Hall No. 2

Beijing International Conference Center (BICC)

Time: September 16-19

Location: 2nd floor V-Flower Ballroom B

V-Continent Beijing Parkview Wuzhou Hotel

Welcome Reception

Time: September 14 18:00-20:00

Location: Ballroom/Beijing Continental Grand Hotel

Poster Party

Time: September 15 18:30-22:00

Location: Fangfei Garden Lawn/Beijing Continental Grand Hotel

Banquet

Time: September 16 18:00-20:30

Location: 2nd floor V-Flower Ballroom A

V-Continent Beijing Parkview Wuzhou Hotel

Lunch

Time: September 15 12:00-13:30

Location: Ballroom/Beijing Continental Grand Hotel

Time: September 16-19 12:00-13:30

Location: 2nd floor V-Flower Ballroom A

V-Continent Beijing Parkview Wuzhou Hotel

Contacts

SOC

General	Haisheng JI	+86 13645161392	jihs@pmo.ac.cn
Presentation	Anda XIONG Xing HU Hongyan LI	+86 13671198581 +86 18810632636 +86 19141940017	adxiong@nao.cas.cn huxing@nao.cas.cn lihongyan@nao.cas.cn

Please send your presentation pdf/ppt to adxiong@nao.cas.cn at least one day before.

LOC

General	Shangbin YANG	+86 13810987017	yangshb@nao.cas.cn
Registration	Jun YAN Xuan MENG Anda XIONG Hongyan LI	+86 18601927411 +86 13951848810 +86 13671198581 +86 19141940017	yanjsun@nao.cas.cn pmomx@pmo.ac.cn adxiong@nao.cas.cn lihongyan@nao.cas.cn
Hotel/Tour	Quan WANG Jun YAN	+86 18810599221 +86 18601927411	wangquan@nao.cas.cn yanjsun@nao.cas.cn
Transportation	Xing HU	+86 18810632636	huxing@nao.cas.cn

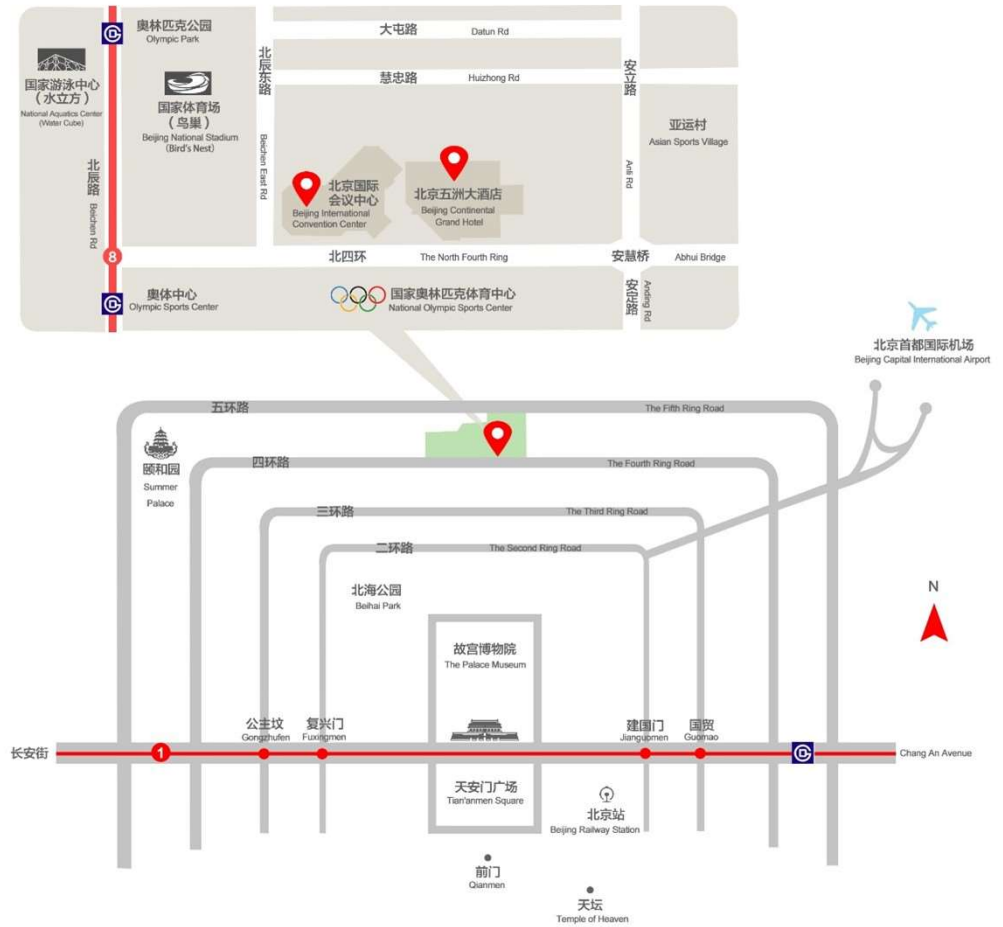


群聊: CESPM2025 GroupChat



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亚运村平面位置示意图
Plan Of YaYunCun



Scientific Program

Session 1: Solar interior, dynamo and the solar cycle

Session 2: The solar atmosphere from the solar surface
into the interplanetary space: heating, cooling, dynamics, turbulence

Session 3: Solar-Heliospheric connection: energy release,
triggering, prediction and impact of flares/CMEs and the solar wind on Earth

Session 4: Numerical modelling and machine learning

Session 5: Solar instrumentation and ground/space missions

Sept 14		12:00—		18:00-
		on-site registration (1 st floor,BICC)		Reception (Ballroom, BCGH)
Sept 15	08:30-09:10			
	Opening (Conf. Hall No.2/BICC)			
Sept 15	09:10-12:10	14:00-17:20	17:20-18:05	18:30-22:00
	S2 (Conf. Hall No.2/BICC)	S1 -	S2 -	Poster party (Fangfei Garden Lawn/BCGH)
Sept 16	08:30-12:20	14:00-16:15	16:10-18:00	18:00-20:30
	S2 (Ballroom B/VCH)	S3 -	Poster -	Banquet (Ballroom A/VCH)
Sept 17	08:30-12:05		13:30—19:00	
	S3 (Ballroom B/VCH)		Free Discussion	
Sept 18	08:30-12:00		14:00-18:00	
	S3 (Ballroom B/VCH)		S5 -	
Sept 19	08:30-12:10		12:10	
	S4 (Ballroom B/VCH)		Closing and lunch	

BICC: Beijing International Conference Center

BCGH: Beijing Continental Grand Hotel

VCH: V-Continent Beijing Parkview Wuzhou Hotel

Oral Talks

September 15 (Day 1), Morning		
08:30-09:10	Opening (Haisheng Ji)	
The solar atmosphere from the solar surface into the interplanetary space: heating, cooling, dynamics, turbulence (S2) (Patrick Antolin)		
Time	Speaker	Title
09:10-09:35	Tom Van Doorselaere	MHD waves and heating in the solar corona (invited)
09:35-09:50	Rony Keppens	Mathematics for coronal rain: the hydrodynamic thermal continuum
09:50-10:15	Hui Tian	Mapping the global coronal magnetic field through 2D coronal seismology (invited)
10:15-10:30	Sahel Dey	Global Scale MHD Modelling of the Slow Solar Wind in light of In-Situ Observations
10:30-11:00	Coffee Break	
(Hui Tian)		
11:00-11:25	Jiajia Liu	Jets and swirls on the Sun (invited)
11:25-11:40	Suli Ma	First Observation and Interpretation of Spike-like Repeating Burst Pairs
11:40-11:55	Jinge Zhang	Imaging a Large Coronal Loop Using Type U Solar Radio Burst Interferometry
11:55-12:10	Xiaohong Li	3D structures of the base of small-scale recurrent jets revealed by Solar orbiter
	Lunch	

September 15 (Day 1), Afternoon		
Solar interior, dynamo and the solar cycle (S1)		(Jie Jiang)
14:00-14:25	Rekha Jain	Advances in Helioseismology (invited, on-line)
14:25-14:40	Binghang Li	Revaluating the role of the surface magnetic field in the solar dynamo.
14:40-14:55	Rodion Stepanov	Synchronization Effects in a Nonlinear Solar Dynamo Model
14:55-15:10	Hongqi Zhang	Solar activities and cycles from observed solar magnetic fields
15:10-15:25	Dan Yang	FARM: A Combined Surface Flux Transport and Helioseismic Far-Side Active Region Model
15:25-15:40	Yukun Luo	Simulation of solar surface flux transport constrained by magnetic power spectra
15:40-16:10	Coffee Break	
(Jun Lin)		
16:10-16:35	Shuhong Yang	Investigation of solar polar magnetic fields (invited)
16:35-16:50	Haiqing Xu	Solar cycle variation of current helicity inferred from vector magnetograms obtained by HSOS/SMFT
16:50-17:05	Qi Hao	Long-term variations of solar activities and active region features detected via machine learning
17:05-17:20	Haiyu Li	Helioseismic Survey of Acoustic Waves Travel-time in Sunspots
The solar atmosphere from the solar surface into the interplanetary space: heating, cooling, dynamics, turbulence (S2)		
17:20-17:35	Wenxian Li	Solar and Stellar Magnetic Field Diagnostics from X-ray and EUV Spectra
17:35-17:50	Ruihui Wang	Solar Surface Magnetic Field Simulation from 2010 to 2024 and Anomalous Southern Poleward Flux Transport in Cycle 24
17:50-18:05	Axel Raboonik	Exact Nonlinear Decomposition of Ideal-MHD Waves Using Eigenenergies

18:30-20:30	Poster party (with food and drinks)	
September 16 (Day 2), Morning		
The solar atmosphere from the solar surface into the interplanetary space: heating, cooling, dynamics, turbulence (S2) (Alexander Warmuth)		
08:30-08:55	Daniel Nóbrega-Siverio	Deciphering solar coronal heating: 3D reconnection in Coronal Bright Points (invited)
08:55-09:10	Xiuhui Zuo	Sequential ejections of plasma blobs due to unbraiding of tangled loops in the solar atmosphere
09:10-09:25	Stephane Regnier	A statistical study of potential field energy in solar active regions
09:25-09:40	David Pontin	Interchange magnetic reconnection: mass and energy transport between closed and open field in the corona
09:40-09:55	Yuhang Gao	Reconnection Nanojets in an Erupting Solar Filament with Unprecedented High Speeds
09:55-10:25	Coffee Break	
(Xin Cheng)		
10:25-10:40	Daniel Clarkson	Tracing the heliospheric magnetic field via anisotropic radio-wave scattering
10:40-11:05	Chunlan Jin	Flux emergence and local dynamo processes in the solar atmosphere (invited)
11:05-11:20	Elias Roland Udaes	Using extensive NLTE spectral analyses in time and space to estimate chromospheric heating
11:20-11:35	Yajie Chen	Mass supply to solar wind through magnetic reconnection
11:35-11:50	Zhenxuan Sun	Connectivity between Solar Wind Variability and Source Regions during Parker Solar Probe Encounter 7

11:50-12:05	Fan Zhang	Multi-fluid-multi-species modeling of magnetohydrodynamics wave propagation in partially ionized plasmas
	Lunch	
September 16 (Day 2), Afternoon		
Solar-Heliospheric connection: energy release, triggering, prediction and impact of flares/CMEs and the solar wind on Earth (S3) (Jiajia Liu)		
14:00-14:25	Stephanie Yardley	Exploring the connection between the Sun and the Heliosphere (invited/online)
14:25-14:40	Guiping Zhou	Investigation of the Large-Scale Magnetic Source Topology of Extreme Solar Eruptions in May 2024
14:40-14:55	Xu Yang	Various of Mid-infrared Sources in an X6.4 Flare
14:55-15:10	Ting Li	Observations of 3D magnetic reconnections
15:10-15:25	Hechao Chen	Minifilament Eruptions as the Last Straw to Break the Equilibrium of a Giant Solar Filament
15:25-15:40	Shihan Li	Enhanced Peak and Extended Cooling of the Extreme-ultraviolet Late Phase in a Confined Solar Flare
16:10-18:00	POSTER	
18:00-20:30	Banquet	

September 17 (Day 3), Morning		
Solar-Heliospheric connection: energy release, triggering, prediction and impact of flares/CMEs and the solar wind on Earth (S3) (Jorrit Leenaarts)		
08:30-08:55	Hamish Reid	Using Type III Radio Bursts to Diagnose Electron Kinetics (invited)
08:55-09:10	Xin Cheng	Toward Understanding Coronal Mass Ejection Initiation
09:10-09:25	Jinhan Guo	The Birth of a Major Coronal Mass Ejection with Intricate Magnetic Structure from Multiple Active Regions
09:25-09:40	Joerg Buechner	Kinetic turbulence and reconnection in the solar atmosphere: from electrons to heavy ion acceleration
09:40-09:55	Cheng Xing	Initiation Route of Coronal Mass Ejections
09:55-10:25	Coffee Break	
(Hamish Reid)		
10:25-10:40	Victor Melnikov	Dynamics of microwave flare emission: Influence of scattering, energy losses, and acceleration of nonthermal electrons
10:40-11:05	Yingna Su	Faint magnetic eruption of a transequatorial flux rope and its impact to space weather (invited)
11:05-11:20	Arun Awasthi	Probing seed electron characteristics through nonthermal emission and solar energetic electrons: STIX and EPD observations
11:20-11:35	Mirabbos Mirkamalov	Probing Hard X-Ray Footpoint Asymmetry in Solar Flares
11:35-11:50	Zhao Wu	An Extremely Strong millimeter Burst Induced by Two Successive Flares
	Lunch	
September 17 (Day 3), Afternoon		

13:30-19:00	Free Discussion	
September 18 (Day 4), Morning		
Solar-Heliospheric connection: energy release, triggering, prediction and impact of flares/CMEs and the solar wind on Earth (S3) (Yingna Su)		
08:30-08:55	Alexander Warmuth	CoSEE-Cat: constraining the acceleration and propagation of solar energetic electrons with Solar Orbiter (invited)
08:55-09:10	Nicole Vilmer	Connecting Energetic Electrons at the Sun and in the Heliosphere through X-ray and Radio Diagnostics
09:10-09:25	Tao Ding	The Giant Eruption in Solar Cycle 25
09:25-09:40	Alexey Kuznetsov	Multiwavelength observations of the 2024-02-16 solar flare: implications for the electron acceleration processes
09:40-09:55	Brigitte Schmieder	THEMIS new generation: Dynamics and MHD simulations of filaments
09:55-10:10	Weihang Zhang	Forward Modeling of Magnetic Energy Release Diagnosis during Solar Flares Based on the Magnetic-field-induced Transition Effect
10:10-10:40	Coffee Break	
(Mei Zhang)		
10:40-10:55	Song Tan	SJET: An Interactive Solar Jet Extraction Tool for CoSEE-Cat Applications
10:55-11:10	Yingjie Luo	Energy-containing Electrons in Solar Flares: Enhancing Hard X-ray Observations and EUV Diagnostics
11:10-11:25	Chengming Tan	MUSER Observation and superfine solar radio bursts
11:25-11:40	Jingnan Guo	The new phenomenon of delayed arrival of faster solar energetic particles seen by Solar Orbiter
11:40-11:55	Yue Zhang	Waiting time distribution of solar flares in the super active region 13664 during its lifetime

11:55-12:10	Mikhail Demidov	On prediction of solar wind large-scale structures on the basis of new Chinese astro facilities
	Lunch	
September 18 (Day 4), Afternoon		
Solar instrumentation and ground/space missions (S5) (Tom Van Doorselaere)		
14:00-14:25	Smitha Narayanamurthy	Sunrise III flight and early science highlights (invited and on-line)
14:25-14:50	Jorrit Leenaarts	Results from recent instrument upgrades at the Swedish 1-m Solar Telescope (invited)
14:50-15:15	WeHost Team	The 2.5 meter solar telescope (invited)
15:15-15:40	Daniele Calchetti	Recent progress with PHI on board Solar Orbiter (invited)
15:40-16:00	Coffee Break	
(Yang Guo)		
16:00-16:25	Chuan Li	From CHASE to LAVSO – a Deep-space Mission for Solar Physics and Space Weather (invited)
16:25-16:50	Yang Su	ASO-S Mission: Status, Results, and Future Plans (invited)
16:50-17:15	Jiabben Lin	Chinese SPO mission (invited)
17:15-17:40	Liang Chang	The 8 meter Chinese Giant Solar Telescope (invited)
17:40-18:05	Wei Wang	On MUSER & IPS Telescope (invited)

September 19 (Day 5), Morning		
Session 4: Numerical modelling and machine learning (S4) (Daniel Nóbrega-Siverio)		
08:30-08:55	Malcolm Druett	Chromospheric evaporation by particle beams in multi-dimensional flare models, and the formation of flare ribbons
08:55-09:20	Yang Guo	Magnetic Field Observation and Modelling: Pre-research for SMT aboard LAVSO (invited)
09:20-09:35	Junyan Liu	Automatic Identification and Statistical Analysis of the Coronal Holes
09:35-09:50	Kyriakos Tapinou	Data-driven flux emergence with Athena++: comparison of boundary driving strategies
09:50-10:05	Hyun-Jin Jeong	Prediction of Time-evolving Magnetic Fields on the Solar Surface Using Deep Learning
10:05-10:35	Coffee Break	
(Shangbin Yang)		
10:35-11:00	Stefaan Poedts	Coupled, dynamic models for CME evolution in the solar atmosphere and the heliospheric wind and the gradual SEPs they cause (invited)
11:00-11:25	Chun Xia	Supergranulation as the key for the formation and eruption of quiescent solar prominences (invited)
11:25-11:40	Harry Birch	Towards a robust algorithm for prominence detection: Optimising the YOLOv5 object detection network for AIA 304 Å observations
11:40-11:55	Dibya Mishra	Plage Identification in Historic Suncharts via Neural Network Imaging Techniques
11:55-12:10	Haopeng Wang	Efficient and Quasi-realistic Magnetohydrodynamic Modeling of Dynamic Corona and Coronal Mass Ejections
	Closing and Lunch	

POSTERS

		Session 1: Solar interior, dynamo and the solar cycle
S1-1	Yu Ji	Northern-Southern Hemispheric Differences and Evolution of Coronal Jets in cycle 24
S1-2	Jie Jiang	Minimal Roles of Solar Subsurface Meridional Flow in the Distributed Babcock-Leighton Dynamo
S1-3	Pengyu Jin	Periodic Behavior of Symmetric and Antisymmetric Magnetic Fields and Their Impacts on North-South Asymmetry
S1-4	Benxu Niu	Origin of Sunspot Group Tilt Angles: Convection Zone or Solar Surface?
S1-5	Valerii Pipin	Helicity Fluxes of Active Regions Emerging from the Convection Zone Dynamo
		Session 2, The solar atmosphere from the solar surface into the interplanetary space: heating, cooling, dynamics, turbulence
S2-1	Jinrui Chang	Interaction between a Filament and Overlying Magnetic Field with Opposite Helicity Using NVST and SDO Data
S2-2	Jie Chen	Small-Scale Eruptions on the Sun
S2-3	Guanchong Cheng	3D magnetic reconnection mediated with plasmoids and the resulted multi-thermal emissions in the cool atmosphere of the Sun
S2-4	Wenshuai Cheng	Inertial-range Turbulence Anisotropy of the Young Solar Wind from Different Source Regions
S2-5	Yuhao Cheng	Limb shift of the FeI 6569 Å line due to granular motion
S2-6	Jun Dai	End-view Observations of Large-amplitude Longitudinal Oscillations of a Quiescent Prominence
S2-7	Xiyao Duan	A global multi-scale feature of photospheric magnetic fields observed through Hilbert spectral analysis
S2-8	Yuhang Gao	Observation and modeling of propagating kink waves in the solar polar region
S2-9	Mingzhe Guo	MHD waves and their applications in coronal seismology
S2-10	Zhenyong Hou	Radio dimming associated with filament eruptions in the meter and decimeter wavebands
S2-11	Jialiang Hu	QFP waves produced in the solar eruptions
S2-12	Ruifei Huang	A study of quasi-periodic pulsations event and its physical origin

S2-13	Haisheng Ji	Energy from intergranular lanes modulated by p-mode oscillation
S2-14	Larisa Kashapova	The role of a coherent emission source in the energy release of the 09 October 2024 flare.
S2-15	Ankit Kumar	Modeling of High-Frequency Magnetohydrodynamic (MHD) Waves and Oscillations in Coronal Loops: Implications for Coronal Heating and Magneto-seismological Applications
S2-16	Leping Li	Coronal condensation and magnetic reconnection
S2-17	Shuyue Li	Extreme Ultraviolet Wave and Quasi-periodic Pulsations during an M-class Flare on 2011 February 24
S2-18	Jiayi Liu	Towards a Robust Estimate of the Solar Photospheric Poynting Flux and Helicity Flux
S2-19	Shuyi Meng	Statistically Preferential Acceleration of Protons than Heavy Ions in the Solar Wind Measured by PSP, Solar Orbiter, and WIND
S2-20	Youqian Qi	The Evolution of Granules and Intergranular Lanes with the Emergence of H α Jets
S2-21	Fangfang Qiao	Origin and Fine Structure of sunspot bipolar light bridges in AR 13663
S2-22	Jacob Oloketuyi	Temporal Behavior and Latitudinal Relationships Between Key Solar Parameters and Green-Line Emissions in the Solar Corona
S2-23	Guiping Ruan	Transport of the magnetic flux away from a decaying sunspot via convective motions
S2-24	Fanpeng Shi	Spatially Resolved Oscillations of a Flare Looptop X-Ray Source
S2-25	Guanglu Shi	The Role of Far-side Magnetic Structures in Modeling 2024 Solar Eclipse
S2-26	Wei Su	The Impact of Solar -- Terrestrial Plasma and Magnetic Field on the Detection of Space-borne Gravitational Wave Detections
S2-27	Baolin Tan	Heating Mechanisms and Radio Response from the Solar Chromosphere to Corona
S2-28	Guiping Ruan	Magnetic reconnection or waves as trigger of jets in solar atmosphere.
S2-29	Hongyi Wang	Large numbers of Small Flux Ropes generated by interchange reconnection from coronal holes measured by Parker Solar Probe
S2-30	Jiasheng Wang	Non-LTE Inversion of the H β 4861 Å Line for Chromospheric Magnetic Field measurement
S2-31	Ruihui Wang	Solar Surface Magnetic Field Simulation from 2010 to 2024 and Anomalous Southern Poleward Flux Transport in Cycle 24

S2-32	Yifu Wang	Numerical simulation of oscillatory magnetic reconnection modulated by solar convective motions
S2-33	Yikang Wang	3D numerical simulations and spectra synthesis of the quiet-Sun chromosphere
S2-34	Zi-Fan Wang	The power spectra of simulated emerging magnetic field at ephemeral region scale
S2-35	Mehdi Yousefzadeh	Excited Emissions by Velocity Distribution of Energetic Electrons within Large-Scale Coronal Loop
S2-36	Abdullah Zafar	MHD Simulations of Small-Scale Magnetic Reconnection At Different Altitudes In The Partially Ionized Low Solar Atmosphere
S2-37	Ning Zhang	From Formation to Eruption of Quiescent Solar Prominence Driven by Supergranulations
S2-38	Xiaofan Zhang	Responses of a Coronal Hole to a Fast Flare-Driven Coronal Wave
S2-39	Yidian Wu	Witnessing a Transition from Coronal Rain to Prominence Condensation
S2-40	Quan Xie	New Progress in Small-scale Photospheric Vortices
S2-41	Haocheng Yu	Limb shift of the FeI 6569 Å line due to granular motion
		Session 3: Solar-Heliospheric connection: energy release, triggering, prediction and impact of flares/CMEs and the solar wind on Earth
S3-1	Yi Bi	Observational Evidence for Fast-Mode Magnetoacoustic Waves in the Chromosphere During X-Class Solar Flares
S3-2	Changxue Chen	Intense Hard X-ray Emissions in C-class Flares: A Statistical Study with ASO-S/HXI Data
S3-3	Xuchun Duan	A Statistical Analysis of Magnetic Parameters in Solar Source Regions of Halo CMEs with and without SEPs
S3-4	Changliang Gao	The Impact of Solar Activity on Earth's Weather and Climate
S3-5	Jingnan Guo	Radial dependence of solar energetic particle peak fluxes and fluences
S3-6	Zhenyong Hou	Numerous bidirectionally propagating plasma blobs near the reconnection site of a solar eruption
S3-7	Huidong Hu	Lateral Deformation of Coronal Mass Ejections in Non-radial to Radial Propagation
S3-8	Dong Li	Localizing Flare QPPs in HXR, Microwave, Ly α , and White-light Emissions

S3-9	HaitangLi	The Formation of a Multifilament System Driven by Photospheric Converging Motions in a Bipolar Sunspot
S3-10	Hongrui Li	Observational Analysis of Counter-streaming Flows in a Forming Filament and Their Relationship with Local Heating at Filament Footpoints
S3-11	Hao Liang	Thermal MHD simulation of eruptive MFR driven by collisional shearing
S3-12	Yang Liu	Untwisting motion and bidirectional outflows of a filament
S3-13	Viktoriia Smirnova	Multi-wavelength analysis of SOL2024-06-01T08:45 solar flare: electron acceleration and plasma heating
S3-14	Hongqiang Song	A new explanation on the nature of the three-part structure of CMEs
S3-15	Yongliang Song	Detection and Analysis of White-light Emission in Solar Flares through Light Curve Diagnostics
S3-16	Hui Tian	Sun-as-a-star Spectroscopic Observations of mass ejections
S3-17	Yuriy Tsap	Acceleration of quasi-thermal electrons and pre-flare plasma heating
S3-18	Can Wang	Quantitative Analysis of the Formation of Magnetic Flux Rope in MURaM Simulation
S3-19	Jincheng Wang	The formation and material supply mechanisms of Solar filaments
S3-20	Quan Wang	Change Ratios of Magnetic Helicity and Magnetic Free Energy During Major Solar Flares
S3-21	Wensi Wang	Quantitative study of solar erupting magnetic flux ropes in solar cycle 24
S3-22	Ming Xiong	Data Calibration Of One New Giant IPS Radio Telescope Array Within The Meridian-II Space Weather Monitoring Project In China
S3-23	Shangbin Yang	Solar eruptions - predictions based on modeling and observations of magnetic helicity
S3-24	Jinge ZHANG	SOLER: Energetic Solar Eruptions – Data and Analysis Tools for the Heliophysics Community
S3-25	Qingmin Zhang	Radio signatures of magnetic reconnection during a solar flare
S3-26	Xiaomeng Zhang	Deflection of filament eruption in competing current channels
S3-27	Qingtong Zhao	Filament Eruption Triggered by Magnetic Flux Emergence at the Footpoint

		Session 4: Numerical modelling and machine learning
S4-1	Jun Chen	Parametric Study of Torus Instability Threshold
S4-2	Huanxin Chen	Numerical simulation and statistical research: Supergranulations as the cause of solar prominence structures
S4-3	Xing Hu	Estimation of Day-time Seeing Changes at Obs Sites Based on Neural Networks
S4-4	Jiaben Lin	Application of Multimodal Large Language Model in Solar Physics
S4-5	Tao Liu	The Data-Driven Simulation on the Formation of Active Region Filaments
S4-6	Hanlin Guan	Formation of δ -Sunspots: Numerical Simulation of Flux Tube Emergence
S4-7	Qi Hao	Developing Automated Detection, Tracking and Analysis Methods for Solar Activities via Machine Learning
S4-8	Yulei Wang	Basic Pattern of Three-dimensional Magnetic Reconnection within Strongly Turbulent Current Sheets
S4-9	Yuchuan Wu	Non-LTE synthesis and inversion of the Mg I 12.32 μm line
S4-10	Ziqi Wu	Modeling Multiscale Transient Processes from Coronal Streamers to the Heliosphere
S4-11	Mahdi Najafi-Ziyazi	Multifluid Modeling of the Solar Chromosphere
		Session 5: Solar instrumentation and ground/space missions
S5-1	Patrick Antolin	Disambiguation of cool and hot emission in IRIS/Slit-Jaw Imager and AIA channels
S5-2	Xianyong Bai	The Solar Upper Transition Region Imager (SUTRI) Onboard the SATech-01 satellite
S5-3	Jun Lin	The Solar Close Observations and Proximity Experiments (SCOPE) mission
S5-4	Feiyang Sha	Mapping ground-based coronagraphic images to Helioprojective-Cartesian coordinates system by image registration
S5-5	Yingzi Sun	The First Solar Full - disk Vector Magnetograph Observing Network without Sunset

Abstract List

Name	Title
Patrick Antolin	Disambiguation of cool and hot emission in IRIS/Slit-Jaw Imager and AIA channels
Arunv Awasthi	Probing seed electron characteristics through nonthermal emission and solar energetic electrons(SEEs): STIX and EPD observations
Xianyong Bai	The Solar Upper Transition Region Imager(SUTRI) Onboard the SATech-01 satellite
Yi Bi	Observational Evidence for Fast-Mode Magnetoacoustic Waves in the Chromosphere During X-Class Solar Flares
Harry Birch	Towards a robust algorithm for prominence detection: Optimising the YOLOv5 object detection network for 304 Å SDO/AIA observations
Joerg Buechner	Kinetic turbulence and reconnection in the solar atmosphere: from electrons to heavy ion acceleration
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Taxi: 17 km[30 minutes], approximately 50 RMB



Public Transport: Subway **Line 7** (Beijing West Railway Station — Zhushikou) transfer to **Line 8** (Zhushikou — Olympic Sports Center **Exit B1**)[55 minutes], walk to BICC[15min]

● Beijing South Station — BICC



Taxi: 22 km[30 minutes], approximately 60 RMB



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● Beijing Daxing International Airport — BICC



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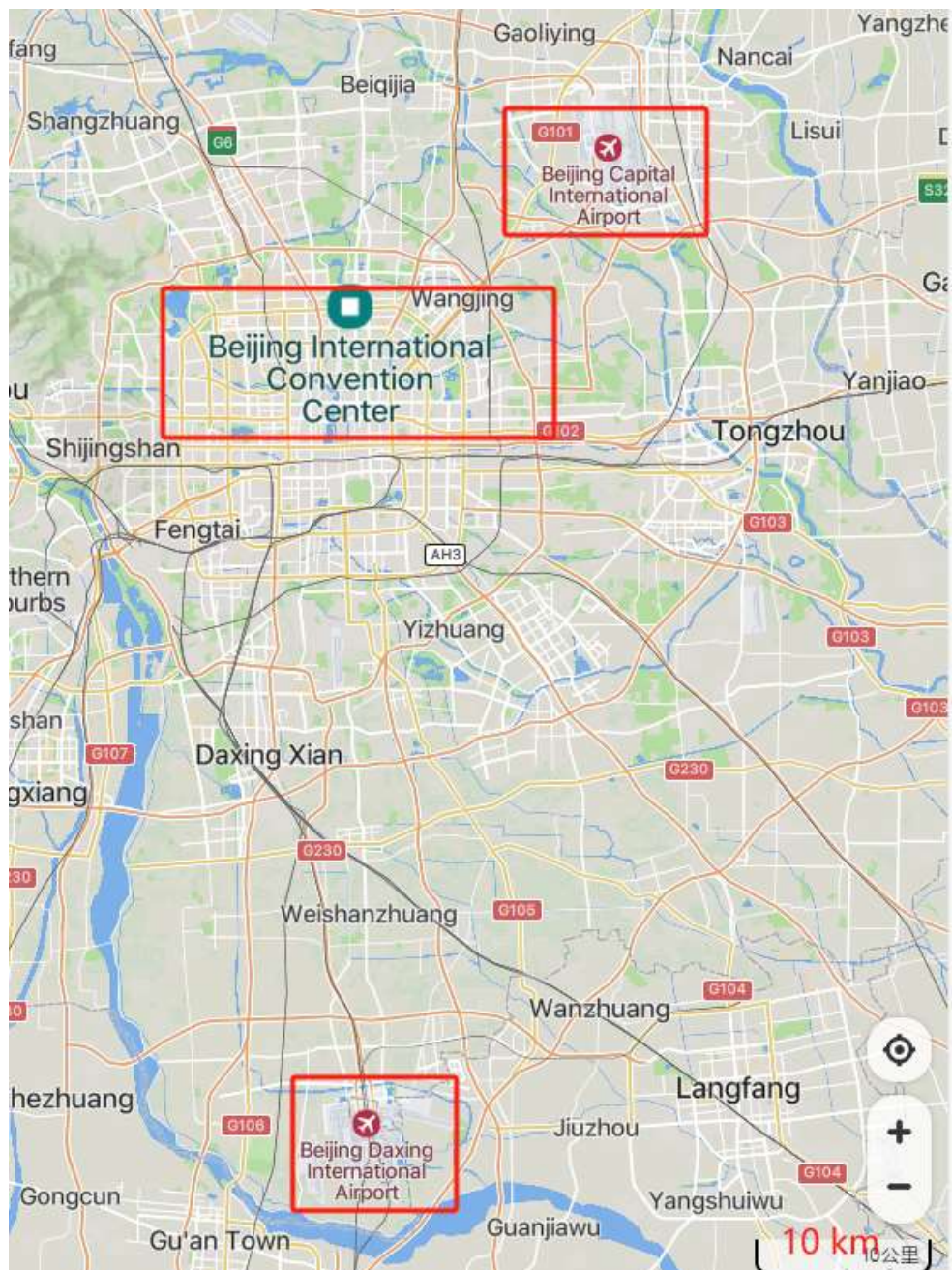
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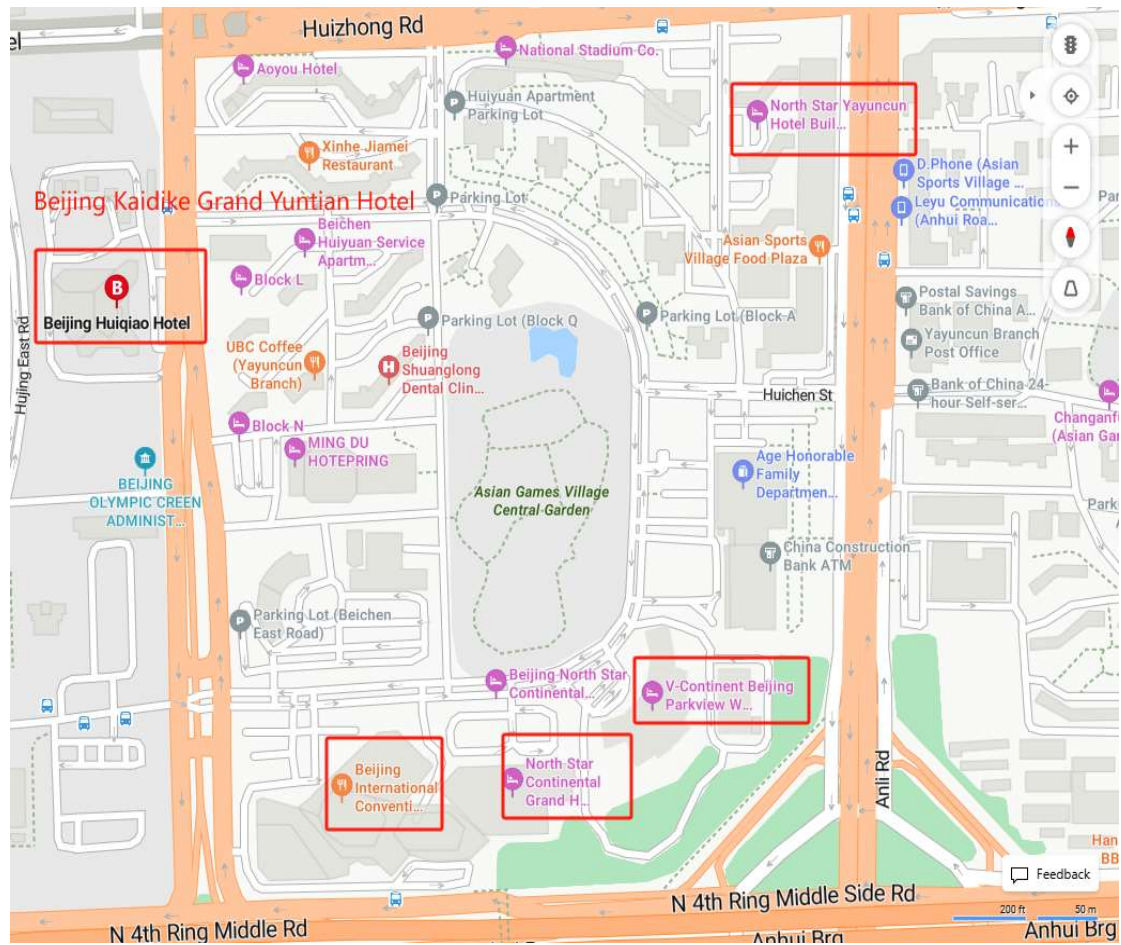


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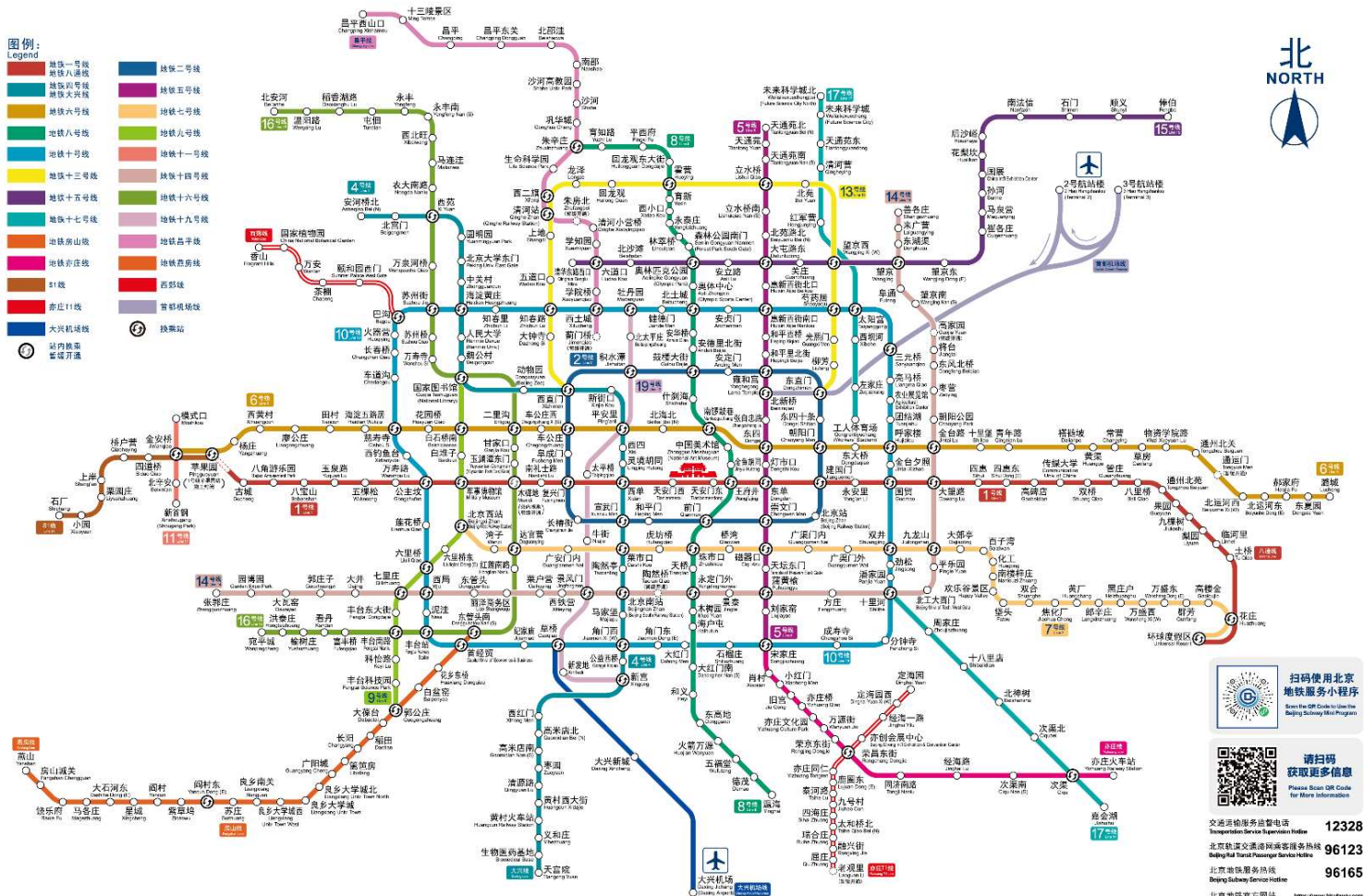


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- 地铁十五号线
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- 5号线
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Beijing Subway Official Website

Hotels

1、 V-Continent Beijing Parkview Wuzhou Hotel

Address: No.8 North Si Huan Zhong Road, Chaoyang District (5mins Walk)

Telephone: +86 010-51299901/+86 010-84982288



2、 Beijing Continental Grand Hotel

Address: 8 East Beichen Road (Beichen Dong Lu),Chaoyang District。 (3mins Walk)

Telephone: +86 010-84985588



3、 Beijing Kaidike Grand Yuntian Hotel

Address: 18 Beichen East Road (Beichen Dong Lu),Chaoyang District。 (10mins Walk)

Telephone: +86 010-84971188



4、North Star Yayuncun Hotel Beijing

Address: East of 8 Beichen East Road, Chaoyang District. (12mins Walk)

Telephone: +86 010-64991199



Participant List

Name	Country	Affiliation
Cheng Fang	China	Nanjing University
Jingxiu Wang	China	National Astronomical Observatories, CAS
Yuhui Li	China	Bureau of Frontier Sciences and Basic Research, CAS
Yufeng Mao	China	Bureau of Frontier Sciences and Basic Research, CAS
Zhitao Ru	China	Bureau of International Cooperation, CAS
Gongbo Zhao	China	National Astronomical Observatories, CAS
Bing Zhao	China	National Astronomical Observatories, CAS
Patrick Antolin	United Kingdom	Norhumbria University
Arun Awasthi	India	Space Research Centre, Polish Academy of Sciences, Poland
Xianyong Bai	China	National Astronomical Observatories, CAS
Yi Bi	China	Yunnan Observatories, CAS
Harry Birch	United Kingdom	Northumbria University
Joerg Buechner	Germany	Technical University Berlin
Daniele Calchetti	Germany	Max Planck Institute for Solar System Research (MPS)
Jinrui Chang	China	Yunnan Observatories, CAS
Liang Chang	China	Yunnan Observatories, CAS
Changxue Chen	China	Purple Mountain Observatory, CAS
Feng Chen	China	Nanjing University
Hechao Chen	China	Yunnan University
Huanxin Chen	China	Yunnan University
Jialin Chen	China	Hanjiang Normal University
Jie Chen	China	National Astronomical Observatories, CAS
Jun Chen	China	Purple Mountain Observatory, CAS
Yajie Chen	Germany	Max Planck Institute for Solar System Research
Guanchong Cheng	China	Yunnan Observatories, CAS
Wenshuai Cheng	China	National Space Science Center, CAS
Xin Cheng	China	Nanjing University
Daniel Clarkson	United Kingdom	University of Glasgow

Jun Dai	China	Purple Mountain Observatory, CAS
Mikhail Demidov	Russian Fed	Institute of solar-terrestrial physics SB RAS
Yuanyong Deng	China	National Astronomical Observatories, CAS
Sahel Dey	India	University of Newcastle Australia
Tao Ding	China	Anhui University
Tom Doorselaere	Belgium	KU Leuven
Malcolm Druett	United Kingdom	University of Sheffield
Xiyao Duan	China	Wuhan University
Xuchun Duan	China	National Astronomical Observatories, CAS
Changliang Gao	China	National Astronomical Observatories, CAS
Yuhang Gao	China	Peking University
Shuai Gu	China	Xinjiang Astronomical Observatory, CAS
Hanlin Guan	China	Yunnan University
Jingnan Guo	China	USTC
Jinhan Guo	China	Nanjing University
Mingzhe Guo	China	Shandong University
Yang Guo	China	Nanjing University
Qi Hao	China	Nanjing University
Haocheng Yu	China	Nanjing University
Jiansen He	China	Peking University
Zhenyong Hou	China	Peking University
Huidong Hu	China	National Space Science Center, CAS
Jialiang Hu	China	National Astronomical Observatories, CAS
Xing Hu	China	National Astronomical Observatories, CAS
Ruifei Huang	China	Shandong University
Zhenghua Huang	China	Shandong University
SAMUEL IGWE	Nigeria	Institute of Advanced Manufacturing Technology
Rheha Jain	United Kingdom	University of Sheffield
Hyun-Jin Jeong	Belgium	KU Leuven
Jie Jiang	China	Beihang University
Haisheng Ji	China	Purple Mountain Observatory, CAS
Chunlan Jin	China	National Astronomical Observatories, CAS, China

Pengyu Jin	China	Beihang University
Larisa Kashapova	Russian Fed	Institute of Solar-Terrestrial Physics
Linxiao Ke	China	Sun Yat-sen University
Rony Keppens	Belgium	KU Leuven
Ankit Kumar	India	USTC
Alexey Kuznetsov	Russian Fed	Institute of Solar-Terrestrial Physics
Jorrit Leenaarts	Sweden	Stockholm University
Binghang Li	China	Beihang University
Chuan Li	China	Nanjing University
Dong Li	China	Purple Mountain Observatory, CAS
Haitang Li	China	Southwest Jiaotong University, Chengdu, China
Haiyu Li	China	PKU
Hao Li	China	National Space Science Center, CAS
Hongrui Li	China	Yunnan University
Hongyan Li	China	National Astronomical Observatories, CAS
Hui Li	China	Purple Mountain Observatory, CAS
Leping Li	China	National Astronomical Observatories, CAS
Shihan Li	China	Nanjing University
Shuanghong Li	China	China West Normal University
Shuyue Li	China	Purple Mountain Observatory, CAS
Ting Li	China	National Astronomical Observatories, CAS
Wenxian Li	China	National Astronomical Observatories, CAS
Xiaohong Li	Germany	Max Planck Institute for Solar System Research
Zhentong Li	China	Purple Mountain Observatory, CAS
Zongyi Li	China	Purple Mountain Observatory, CAS
Hao Liang	China	Yunnan University
Jiabao Lin	China	National Astronomical Observatories, CAS
Jun Lin	China	Yunnan Observatories, CAS
Zisheng Lin	China	Sun Yat-sen University
Jiajia Liu	China	USTC
Jiayi Liu	China	Nanjing University
Junyan Liu	China	University of Science and Technology of China
Qiang Liu	China	Southwest Jiaotong University, Chengdu, China
Rui Liu	China	USTC

Tao Liu	China	Yunnan University
Yang Liu	China	Shandong University
Yangyu Liu	China	Xinjiang Astronomical Observatory, CAS
Yu Liu	China	South West Jiaotong University
Peixin Luo	China	National Astronomical Observatories, CAS
Yukun Luo	China	Beihang University
Suli Ma	China	National Space Science Center, CAS
Victor Melnikov	Russian Fed	Pulkovo Observatory
Shuyi Meng	China	
Xuan Meng	China	Purple Mountain Observatory, CAS
Mirabbos Mirkamalov	Uzbekistan	USTC
DIBYA MISHRA	India	ARIES
Mahdi Najafi-Ziyazi	Belgium	KU Leuven
Ali Naqi	Pakistan	Lanzhou University
Smitha Narayanamurthy	Germany	Max Planck Institute for Solar System Research
Lei Ni	China	Yunnan Observatories, CAS
Zongjun Ning	China	Purple Mountain Observatory, CAS
BenXu Niu	China	Beihang University
Daniel Nóbrega- Siverio	Spain	Instituto de Astrofísica de Canarias (IAC)
JACOB OLOKETUYI	Nigeria	Southwest Jiaotong University
Stefaan Poedts	Belgium	KU Leuven
David Pontin	United Kingdom	University of Newcastle
Youqian Qi	China	Shandong University
Fangfang Qiao	China	PKU
Axel Raboonik	Australia	University of Newcastle
Stephane Regnier	United Kingdom	Northumbria University
Hamish Reid	United Kingdom	MSSL, UCL
Elias Roland Udaes	Norway	Rosseland center for solar physics
Guiping Ruan	China	Shandong University
Brigitte Schmieder	France	Observatoire de Paris
Feiyang Sha	China	Southwest Jiaotong University

Mingfu Shao	China	National Astronomical Observatories, CAS
Fanpeng Shi	China	Nanjing University
Guanglu Shi	China	Purple Mountain Observatory, CAS
Viktoriia Smirnova	Russian Fed	Crimean Astrophysical Observatory
Hongqiang Song	China	Shandong University
Yongliang Song	China	National Astronomical Observatories, CAS
Rodion Stepanov	Russian Fed	Institute of continuous media mechanics
Yang Su	China	Purple Mountain Observatory, CAS
Yingna Su	China	Purple Mountain Observatory, CAS
Yingzi Sun	China	National Astronomical Observatories, CAS
Zhenxuan Sun	China	Wuhan University
Baolin Tan	China	National Astronomical Observatories, CAS
Chengming Tan	China	National Space Science Center, CAS
Song Tan	Germany	Leibniz Institute for Astrophysics Potsdam (AIP)
Kyriakos Tapinou	Australia	The University of Sydney
Hui Tian	China	Peking University
Liyue Tong	China	National Astronomical Observatories, CAS
Yuriy Tsap	Russian Fed	Crimean Astrophysical Observatory
Nicole Vilmer	France	LIRA Paris Observatory PSL Research University
Shuangfeng Wan	China	Purple Mountain Observatory, CAS
Can Wang	China	Nanjing University
Haopeng Wang	Belgium	KU Leuven
Hongyi Wang	China	China University of Geosciences
Hui Wang	China	National Astronomical Observatories, CAS
Jiasheng Wang	China	PKU
Jincheng Wang	China	Yunnan Observatories, CAS
Quan Wang	China	National Astronomical Observatories, CAS, China
Ruihui Wang	China	Beihang University
Wei Wang	China	National Space Science Center, CAS
Wensi Wang	China	University of Science and Technology of China
yifu Wang	China	Yunnan Observatories, CAS
Yikang Wang	China	Nanjing University
Yimin Wang	China	Qingdao University of Science and Technology
Yulei Wang	China	Nanjing University

Zi-Fan Wang	China	National Astronomical Observatories, CAS
Alexander Warmuth	Austria	Leibniz Institute for Astrophysics Potsdam (AIP)
Wei Su	China	Sun Yat-sen University
Yidian Wu	China	USTC
Yuchuan Wu	China	National Astronomical Observatories, CAS
Zhao Wu	China	Shandong University
Ziqi Wu	China	PKU
Chun Xia	China	Yunnan University
Quan Xie	China	USTC
Chen Xing	China	Nanjing University
Ming Xiong	China	National Space Science Center, CAS
Anda Xiong	China	National Astronomical Observatories, CAS
Haiqing Xu	China	National Astronomical Observatories, CAS
Jun Yan	China	National Astronomical Observatories, CAS
Yihua Yan	China	National Space Science Center, CAS
Bai Yang	China	National Astronomical Observatories, CAS
Dan Yang	Germany	Max Planck Institute for Solar System Research
Qi Yang	China	National Astronomical Observatories, CAS
Shangbin Yang	China	National Astronomical Observatories, CAS
Shuhong Yang	China	National Astronomical Observatories, CAS
Xu Yang	China	Xinjiang Astronomical Observatory, CAS
Shuo Yao	China	China University of Geosciences, Beijing
Stephanie Yardley	United Kingdom	Northumbria University
Yuyang Ye	China	National Astronomical Observatories, CAS
Mehdi Yousefzadeh	Iran	Shandong University
Ji Yu	China	USTC
Ding Yuan	China	Harbin Institute of Technology, Shenzhen
Abdullah Zafar	Pakistan	Yunnan Observatories, CAS
Fan Zhang	Norway	University of Oslo
Hongqi Zhang	China	National Astronomical Observatories, CAS
Jinge Zhang	France	L'Observatoire de Paris-PSL
Mei Zhang	China	National Astronomical Observatories, CAS
Ning Zhang	China	Yunnan University
Qingmin Zhang	China	Purple Mountain Observatory, CAS

Weihang Zhang	China	Peking University
Xiaofan Zhang	China	National Astronomical Observatories, CAS
Xiaojuan Zhang	China	Guangzhou University
Xiaomeng Zhang	China	Nanjing University
Xu Zhang	China	Shandong University
Yue Zhang	China	University of Science and Technology of China
Yuzong Zhang	China	National Astronomical Observatories, CAS
Qingtong Zhao	China	Yunnan University
Jiehui Zheng	China	Yunnan University
Cheng Zhong	China	USTC
Guiping Zhou	China	National Astronomical Observatories, CAS
Xiuhui Zuo	China	Shandong University