SA [Solar and Astro]

SA-1-I1 Ayumi Asai	Kyoto University	Advancing Solar Observations with DST and SMART, Hida Observatory
SA-1-I2 Sayak Bose	Princeton Plasma Physics Laboratory	Experimental Study of Alfvén Wave Reflection from an Alfvén-speed Gradient Relevant to the Solar Coronal Holes
SA-1-I3 Qi Hao	Nanjing University	Developing Automated Detection, Tracking and Analysis Methods for Solar Activities via Machine Learning
SA-1-I4 Lei Lu	Purple Mountain Observatory, CAS	Application of Radio Observations in the Study of Solar Eruptions
SA-1-I5 Sushree S. Nayak	Indian Institute of Astrophysics	Magnetohydrodynamics modeling of solar jets to jetlets
SA-1-I6 A. Ramada C. Sukarmadji	IRAP/Université de Toulouse	Deciphering the nanojet phenomenon through observations and numerical simulations
SA-1-O1 Mehdi Yousefzadeh	Shandong University	Kinetic Modeling of Coherent Emission in Coronal Loops: An Innovative Three-Step Numerical Approach
SA-1-O2 Zihao Yang	High Altitude Observatory, NCAR	Observing the evolution of the Sun's global coronal magnetic field over 8 months
SA-2-I1 Shuhong Yang	National Astronomical Observatories, CAS	Magnetic field and meridional flow in the solar polar regions
SA-2-I2 Pooja Devi	Kumaun University	Extreme-ultraviolet (EUV) Waves and Coronal Seismology
SA-2-I3 Souvik Bose	Lockheed Martin Solar & Astrophysics Lab/SETI Institute	Heating of the chromosphere and corona in the active regions of the Sun
SA-2-I4 Istvan Pusztai	Chalmers University of Technology	From Weibel seed generation to saturated dynamo in collisionless plasmas with finite mass ratio
SA-2-I5 Nobumitsu Yokoi	University of Tokyo	Novel effects of kinetic and cross helicities in solar- and astro-physics
SA-2-O1 Bidya Binay Karak	Indian Institute of Technology (BHU) Varanasi	Observed Joy's law during the emergence of bipolar sunspots unveils their origin
SA-2-O2 Gohar Abbas	Government College University Lahore	Spectral analysis of circularly polarized waves associated with the ultra-relativistic electrons in Van-Allen radiation belts
SA-2-O3 Yihua Li	Nanjing University	Data-constrained MHD simulation of solar corona including solar wind effects
SA-3-I1 Yusuke Tsukamoto	Kagoshima University	Co-evolution of protoplanetary disks and dust grains
SA-3-I2 Amit Seta	Australian National University	Magnetic Fields in the Multiphase Medium of Galaxies
SA-3-I3 Daisei Abe	Tohoku University	Growth of Massive Molecular Filament by Accretion Flows: New mechanism to Support a Supercritical Filament against Radial Collapse
SA-3-I4 Yoshiaki Misugi	National Astronomical Observatory of Japan	Physical Properties of Molecular Cloud Cores Formed in Strongly Magnetized Molecular Filaments
SA-3-I5 Sadiq Usman	University of Wah	Magnetorotational Instability in differentially rotating degenerate astrophysical electron–positron–ion plasma
SA-3-O1 Rei Nishiura	Kyoto University	Induced Compton scattering in magnetized electron and positron pair plasma
SA-3-O2 Masanori Iwamoto	Kyoto University	Stimulated Scattering of Strong Waves in Pair Plasmas
SA-3-O3 Shota Yokoyama	Chiba University	Cosmic-ray Driven Resistive Heating of the Intergalactic Medium in the Early Universe and Its Implications for 21-cm Line Observations
SA-P1SOMNATH MAHATO	INDIA METEOROLOGICAL DEPARTMENT	Evaluation of long-term changes of solar radiation in India
SA-P2 Pallab Boro	Jawaharlal Nehru University	Magnetohydrodynamic (MHD) waves driven by cosmic rays in magnetized self-gravitating dusty molecular clouds
SA-P3 Ravinder R. Bhambhu	Jawaharlal Nehru University	Neutrino flux mixing in core-collapse supernova and Rayleigh-Taylor instability: A hydrodynamic approach
SA-P4 Jyoti Turi	Visva-Bharati University	Dynamics and modulation of cosmic ray modified magnetosonic waves in a galactic gaseous rotating plasma
SA-P5 Hayato Saguchi	Tohoku University	The radial evolution of parametric decay instability incorporating temperature anisotropy in the near-sun solar wind
SA-P6 Daichi Kashizaki	Tohoku University	Expanding MRI Heating Models for Stratified Accretion Disks to Include Parker Instability
SA-P7 Alejandro Zamorano	Universidad de Chile	SOLAR FLARE MODEL OVER A REWIRED MAGNETIC FIELD NETWORK
SA-P8 Souvik Das	Tezpur University	Solar surface oscillations with bi-spectral electronic thermostatistics
SA-P9 Shunshun Cao	Peking University	Insights into Pulsar Magnetospheres Using FAST Single Pulses
SA-5-I1 Masahiro Machida	Kyushu University	Disk Formation and Magnetic Interchange Instability in Weakly Ionized Star-Forming Clouds
SA-5-I2 Yun-Wei Yu	Central China Normal University	Eclipsed X-ray Bursts and Fast Radio Burst Activity of Magnetar SGR J1935+2154
SA-5-I3 Ashley Bransgrove	Princeton University	Extreme Plasma Physics of Neutron Stars
SA-5-I4 Shigeo Kimura	Tohoku University	Non-thermal Phenomena in Strongly Magnetized Accretion Flows around Black Holes
SA-5-I5 Akihiro Inoue	Osaka University	Three-Dimensional General Relativistic Radiation MHD Simulations of Supercritical Accretion onto a Magnetized Neutron Star
SA-5-O1 Kanta Kitajima	Nagoya University	Particle-Based Analysis of Relativistic Jets
SA-5-O2 Nicolas Brughmans	KU Leuven	A visual approach to MHD instabilities in accretion disks
SA-6-I1 Yulei Wang	Nanjing University	Three-dimensional Magnetic Reconnection within Strongly Turbulent Solar Flare Current Sheets
SA-6-I2 Xiaoping Zhang	Macau University of Science and Technology	Unveiling mass transfer in solar flares: Insights from elemental abundance evolutions observed in Chang'E-2 and MSS missions
SA-6-I3 Bhuwan Joshi	Udaipur Solar Observatory	Energy Release and Coronal Dynamics in Solar Flares: Insights from 2D and 3D Magnetic Reconnection Models
SA-6-I4 Xiangliang Kong	Shandong University	Modeling the Acceleration and Transport of Energetic Particles in Solar Flares Based on Macroscopic MHD Simulations
SA-6-I5 Maria Kazachenko	University of Colorado, Boulder	Magnetic-field field evolution during an X-class solar flare using realistic MHD simulations and observations.
SA-6-O1 Zekun Lu	Nanjing University	Heating the Hot and Super-hot Corona in Solar Active Regions: Insights from MURaM
SA-6-O2 Philippe Bourdin	University of Graz	the European Solar Telescope, the future mission
SA-7-I1 Xin Cheng	Nanjing University	Origin and Energization of Solar Explosions
SA-7-I2 Qingmin Zhang	Purple Mountain Observatory, CAS	Investigating the early evolutions of non-radial solar eruptions
SA-7-I3 Xiaozhou Zhao	Yunnan Observatories, CAS	Flux rope eruptions and shocks: 2.5D numerical modeling
SA-7-I4 Jinhan Guo	Nanjing University	Numerical MHD Modelings of Failed Solar Eruptions: Constraints and Observational Manifestations
SA-7-I5 Chen Xing	Nanjing University	Unveiling the Initiation Route of Coronal Mass Ejections through Their Slow Rise Phase
SA-7-I6 Stephen Vincena	University of California, Los Angeles	Three-wave coupling between shear Alfvén waves and kink-unstable magnetic flux ropes
SA-7-O1 Ramesh Chandra	Kumaun University, Nainital	Solar Filament Eruption and EUV Loop Dynamics
SA-8-I1 Rony Keppens	CmPA, KU Leuven	Mathematics for coronal rain: the hydrodynamic thermal continuum