

## SA (Solar and Astro)

2021.07.04 AAPPs-DPP

No	Name	Affiliation	Title	P, TP, I	Subcategory
1	Hui Tian	Peking University	Mapping the global magnetic field in the solar corona through magnetoseismology	Plenary	7. SA (Solar/Astro)
2	Sera Markoff	University of Amsterdam	And then there was light: what black hole imaging with the Event Horizon Telescope can teach us about particle acceleration	Plenary	7. SA (Solar/Astro)
3	Ellen Zweibel	University of Wisconsin - Madison	The Plasma Physics of Cosmic Rays: From Kinetic to Intergalactic Scales	Plenary	7. SA (Solar/Astro)
4	Moirá Jardine	University of St Andrews	Mass ejections and winds in solar-like stars	Plenary	7. SA (Solar/Astro)
5	Sami Solanki	Max Planck Institute for Solar System Research, Göttingen	The Solar Orbiter mission: new views of the Sun	Topical Plenary	7. SA (Solar/Astro)
6	Siming Liu	Southwest Jiaotong University, Purple Mountain Observatory	The origin of Galactic cosmic rays	Topical Plenary	7. SA (Solar/Astro)
7	Dibyendu Nandi	Centre of Excellence in Space Sciences India, Department of Physical Sciences, Indian Institute of Science Education and Research (IISER), Kolkata	Predicting the Solar Magnetic Cycle	Topical Plenary	7. SA (Solar/Astro)
8	Naoki Terada	Tohoku University	DSMC and MHD simulations of atmospheric escape from a terrestrial planet	Topical Plenary	7. SA (Solar/Astro)
9	Wenzhi Ruan	Centre for mathematical Plasma Astrophysics, KU Leuven	A fully self-consistent solar flare model: MHD with dynamic feedback from non-thermal electron beams	Invited	7. SA (Solar/Astro)
10	Jack Jenkins	Centre for mathematical Plasma Astrophysics, KU Leuven	2.5D and 3D Structure and Evolution of Solar Prominence Plasma Condensations	Invited	7. SA (Solar/Astro)
11	Nitin Yadav	Centre for mathematical Plasma Astrophysics, KU Leuven	Simulations of vortex flows in solar plage	Invited	7. SA (Solar/Astro)
12	Hideyuki Hotta	Chiba University	High resolution simulation of solar convection zone in Fugaku	Invited	7. SA (Solar/Astro)
13	Yosuke Matsumoto	Chiba University	Development of a particle-in-cell simulation code for elucidating cosmic-ray accelerations in the exascale computing era	Invited	7. SA (Solar/Astro)
14	Stefaan Poedts	CmPA/Dept of Mathematics, KU Leuven	EUHFORIA in PARADISE	Invited	7. SA (Solar/Astro)
15	Bhimsen Shivamoggi	Dr. Bhimsen Shivamoggi	Stellar rotation effects on stellar winds	Invited	7. SA (Solar/Astro)
16	Anabella Araudo	ELI-Beamlines, Institute of Physics, Academy of Sciences, Czech Republic	Particle acceleration in astrophysical jets at all scales	Invited	7. SA (Solar/Astro)
17	Ryun Young Kuwon	KASI	Complete View of Solar Coronal Fast-mode Shock Waves: EUV wave + Halo CME	Invited	7. SA (Solar/Astro)
18	Hiroyuki Takahashi	Komazawa University	General Relativistic Radiation Magnetohydrodynamic Simulations of Accretion Flows onto a Black Hole or a Neutron Star	Invited	7. SA (Solar/Astro)
19	Kil-Byoung Chai	Korea Atomic Energy Research Institute	Aggregation growth of various ice dust grains formed in laboratory experiment at astrophysically relevant temperatures	Invited	7. SA (Solar/Astro)
20	Takafumi Kaneko	Nagoya University	Data-driven MHD Simulation of Successive Solar Plasma Eruptions	Invited	7. SA (Solar/Astro)
21	Yang Guo	Nanjing University,	Data-constrained Magnetohydrodynamic Simulation of a Long Duration Eruptive Flare	Invited	7. SA (Solar/Astro)
22	XuYang Gao	National Astronomical Observatories of Chinese Academy of Sciences	Magnetic fields of the W4 superbubble	Invited	7. SA (Solar/Astro)
23	Wenxian Li	National Astronomical Observatories, Chinese Academy of Sciences	Measurements of coronal magnetic fields using magnetic-field induced transition in Fex	Invited	7. SA (Solar/Astro)
24	Ting Li	National Astronomical Observatories, Chinese Academy of Sciences	The Factors Determining the Eruptive Character of Large Solar Flares	Invited	7. SA (Solar/Astro)
25	Kosuke Namekata	National Astronomical Observatory of Japan	Optical and X-ray observations of stellar flares on an active M dwarf AD Leonis	Invited	7. SA (Solar/Astro)
26	Ryoko Ishikawa	National Astronomical Observatory of Japan	Mapping Solar Magnetic Fields from the Photosphere to the Base of the Corona	Invited	7. SA (Solar/Astro)
27	Liping Yang	National Space Science Center	Energy Transfer of Alfvénic Turbulence in the Heliosphere	Invited (SG joint)	7. SA (Solar/Astro)
28	Richard Morton	Northumbria University	Alfvénic waves in the inhomogeneous solar corona	Invited	7. SA (Solar/Astro)
29	Shinsuke Takasao	Osaka University	Solar-Stellar-Protostellar connection	Invited	7. SA (Solar/Astro)
30	Yang Su	Purple Mountain Observatory, Chinese Academy of Sciences	Long-term evolution of thermal plasma in quiet and eruptive corona	Invited	7. SA (Solar/Astro)
31	De-Fu Bu	Shanghai Astronomical Observatory	outflows from black hole accretion system	Invited	7. SA (Solar/Astro)
32	Feng Yuan	Shanghai Astronomical Observatory	Episodic jet and associated flares in black hole accretion flows	Invited	7. SA (Solar/Astro)
33	Liang Chen	Shanghai Astronomical Observatory, CAS	Magnetically Dominated Jets: Jet Launching, Acceleration, and Collimation	Invited	7. SA (Solar/Astro)
34	Takanobu Amano	The University of Tokyo	Quantifying the electron injection into the first-order Fermi acceleration at shocks	Invited	7. SA (Solar/Astro)
35	Shigeo S. kimura	Tohoku University	Stochastic Cosmic-ray Acceleration in Black-hole Accretion Flows	Invited	7. SA (Solar/Astro)
36	Xuening Bai	Tsinghua University	Magnetohydrodynamic-particle-in-cell method and its astrophysical applications	Invited	7. SA (Solar/Astro)

37	Sunjung kim	UNIST	Microinstabilities in Weak Quasi-Perpendicular Intracluster Shocks	Invited	7. SA (Solar/Astro)
38	Jia Huan	University of Michigan, Ann Arbor	The Structure, Properties and Origin of Switchbacks: Parker Solar Probe Observations	Invited (SG joint)	7. SA (Solar/Astro)
39	Sandeep Kumar	University of Rostock, Institute of Physics, D-18051 Rostock	Ionization and transport in partially ionized multi-component plasmas: Plasma model for atmospheres of hot Jupiters	Invited	7. SA (Solar/Astro)
40	Tingyu Gou	University of Science and Technology of China	Understanding the Genesis of Erupting Solar Magnetic Flux Ropes	Invited	7. SA (Solar/Astro)
41	Jing Ye	Yunnan Observatories, Chinese Academy of Sciences	Coronal wave trains and plasma heating triggered by turbulence in the wakes of CMEs	Invited	7. SA (Solar/Astro)
42	Rozina Chaudary	Lahore College for Women University, Lahore	Structural properties of strongly magnetized neutron stars	Invited	F->SA
43	Bruno Coppi	Massachusetts Institute of Technology	Emergence of Intrinsic Gravitational Modes Associated with Emissions of Gravitational Waves	Invited	F->SA