#	Talk type	Field	First name	Family name	Affiliation	Talk title
1	Plenary					Chandrasekhar Prize Lecturee
2	Plenary					PIP Prizee Lecture
3	Plenary	CD	Ryo	Furue	Japan Agency for Marine-Earth Science and Techr	Deep zonal jets in the ocean
4	Plenary	CD	Sriram	Ramaswamy	Indian Institute of Science, Bangalore	Directions in active matter
5	Plenary	CD	Guilhem	Dif-Pradalier	CEA	Physics of ExB Staircases
6	Plenary	CD	Nigel	Goldenfeld	UC San Diego	Statistical Mechanics of Puffs and Slugs in the Transition to Turbulence in Pipes
7	Plenary	F	Ilya	Dodin	Princeton University, Princeton Plasma Physics La	Quasilinear theory, collisions, and ponderomotive forces: a unification for general plasmas and beyond
8	Plenary	F	Susumu	Goto	Graduate School of Engineering Science, Osaka U	Hierarchy of coherent vortices in developed turbulence and its role in transport phenomena
9	Plenary	F	William	Matthaeus	University of Delaware	Collisional-like dissipation in collisionless plasma: Theory, kinetic simulations and MMS Observations
10	Plenary	F	Zhiyong	Qiu	Zhejiang University	Gyrokinetic theory of TAE saturation via nonlinear wave-wave coupling
11	Plenary	B	Kajita	Shin	The University of Tokyo	Science and Technology of Particles and Radiation Generation from Ultrashort Laser-Matter Interactions
12	Plenary	B	William	Tang	Princeton University	Enhancement of laser electron accelerations and betatron gamma-ray radiations with multi-PW laser pulses
13	Plenary	B	John	Goree	The University of Iowa	Status of the multi-PW laser infrastructure and of the first experimental campaigns
14	Plenary	B	Rajaraman	Ganesh	Institute for Plasma Research	Towards high-quality LWFA operation with a Petawatt laser
15	Plenary	A	Hai-Xing	Wang	Beihang University	Experimental study and numerical simulation of a DC plasma arc anode attachment characteristics
16	Plenary	A	Hirotaka	Toyoda	Nagoya Univ.	Microwave plasma source development and applications from low pressure to atmospheric pressure
17	Plenary	A	Volker	Hessel	University of Adelaide	Environmental, Social, Governance (ESG) Impacts of Plasma Processing - Case Studies in Australia and Africa
18	Plenary	A	Sylvain	Coulombe	McGill University	Combined pulsed ns - RF excitation for plasma production at atmospheric pressure
19	Plenary	L	Krishnamurth	M.	Tata Institute of Fundamental Research	Science and Technology of Particles and Radiation Generation from Ultrashort Laser-Matter Interactions
20	Plenary	L	Hyung Taek	Kim	Advanced Photonics Research Institute, GIST	Enhancement of laser electron accelerations and betatron gamma-ray radiations with multi-PW laser pulses
21	Plenary	L	Patrick	Audebert	LULI	Status of the multi-PW laser infrastructure and of the first experimental campaigns
22	Plenary	L	Stefan	Karsch	Ludwig-Maximilians-Univeristät Muenchen	Towards high-quality LWFA operation with a Petawatt laser
23	Plenary	SG	Yusuke	Ebihara	Kyoto University	Generation mechanism of Region 1 field-aligned current
24	Plenary	SG	Daniele	Telloni	Astrophysical Observatory of Turin	Radial evolution of solar wind turbulence in the heliosphere: Perspectives of Parker Solar Probe, Solar Orbiter, and BepiColombo
25	Plenary	SG	Juan Alejand	Valdivia	Universidad de Chile	Complexity approaches to space plasma dynamics
26	Plenary	SG	Kazue	Takahashi	Johns Hopkins University	Magnetospheric ULF waves: Excitation mechanisms and effects on particles
27	Plenary	SA	Ataru	Tanikawa	The University of Tokyo	Population III binary black holes (tentative)
28	Plenary	SA	Nour	Raouafi	Johns Hopkins Applied Physics Laboratory	Parker Solar Probe: Three Years of Solar Minimum Discoveries
29	Plenary	SA	Oliver	Porth	University of Amsterdam	Plasma physics with compact objects
30	Plenary	SA	Chaowei	Jiang	Harbin Institute of Technology, Shenzhen	A fundamental mechanism of solar eruption initiation
31	Plenary	MF1	Jeronimo	Garcia	CEA	Deuterium-tritium experiments in JET with the ITER-like wall
32	Plenary	MF1	Samuele	Mazzi	EPFL-SPC	On the beneficial role of fast ions on microturbulence: from current experiments towards ITER
33	Plenary	MF1	Matthias	Hoelzl	Max Planck Institute for Plasma Physics	Violent transient plasma instabilities in magnetic confinement fusion plasmas and their control
34	Plenary	MF1	Gen	Motojima	National Institute for Fusion Science	Spatiotemporal structure of pellet-plasmoid in high-temperature plasmas
35	Plenary	MF2	Rui	Ding	Institute of Plasma Physics, CAS	Physics basis and design of tungsten divertor for Chinese Fusion Engineering Testing Reactor
36	Plenary	MF2	Olivier	Fevrier	EPFL-SPC	Investigation of negative triangularity as a reactor relevant concept in the TCV Tokamak
37	Plenary	MF2	Dmitry	Matveev	Forschungszentrum Jülich GmbH	Isotope removal and outgassing in JET-ILW
38	Plenary	MF2	Rajesh	Maingi	Princeton Plasma Physics Lab	Progress in a US-based Liquid Metal Plasma-Facing Component Design Activity for a Fusion Nuclear Science Facility
39	Plenary	Poster Prize				
40	Plenary	Closing				
41	Topical plenary	CD	Minjun J	Choi	Korea Institute of Fusion Energy	Dynamics and statistics of staircase-like electron temperature corrugation in KSTAR plasmas
42	Topical plenary	CD	Masahiro	Kobayashi	NIFS	Turbulence spreading into edge stochastic magnetic layer induced by MHD activity in toroidal confinement plasma
43	Topical plenary	CD	Peter	Manz	Max Planck Institute for Plasma Physics	How turbulence sets boundaries for fusion plasma operation
44	Topical plenary	CD	Kumiko	Hori	Kobe University	Torsional oscillations in Jupiter
45	Topical plenary	CD	David	Hughes	University of Leeds	Double Diffusive Magnetic Layering
46	Topical plenary	CD	Amita	Das	Indian Institute of Technology, Delhi	Magnetic field evolution in laser Plasma System
47	Topical plenary	CD	Chandrashek	Joshi	University of California, Los Angeles	Self -organization of photoionized plasmas via kinetic instabilities.
48	Topical plenary	CD	Prasad	Perlekar	TIFR Hyderabad	Kolmogorov Turbulence Co-exists with Pseudo Turbulence in Buoyancy-Driven Bubbly Flows
49	Topical plenary	CD	Eun-jin	Kim	Coventry University	L-H Transition Physics and Non-Perturbative Statistical Theory
50	Topical plenary	CD	Katsumi	Ida	NIFS	Impact of Turbulence Spreading on Structure Formation in Toroidal Plasma
51	Topical plenary	F	Mahendra	Verma	IIT Kanpur	Statistical physics and order in Euler turbulence
52	Topical plenary	F	Haotian	Chen	University of Seville	How Zonal Flow Affects Trapped-Electron-Driven Turbulence in Tokamak Plasmas
53	Topical plenary	F	Philip J.	Morrison	The University of Texas at Austin	A variety of bracket dynamics derived from noncanonical Hamiltonian systems and applications to simulated annealing
54	Topical plenary	F	Jonathan	Squire	University of Otago	The helicity barrier: how low-frequency turbulence triggers high-frequency heating of the solar wind
55	Topical plenary	F	Ritoku	Horiuchi	National Institute for Fusion Science	Guide-field dependence of a merging process of two spherical-tokamak-type plasmoids

56	Topical plenary	F	Gary	Webb	CSPAR, The University of Alabama in Huntsville	Noether's Theorem and Conservation Laws in MHD and CGL plasmas
57	Topical plenary	F	Jian	Liu	University of Science and Technology of China	Geometric algorithms and longterm dynamical simulations of runaway electron
58	Topical plenary	F	Gyungjin	Choi	Seoul National University	Vortex flow evolution in a tokamak magnetic island
59	Topical plenary	F	Tae Moon	Jeong	ELI-Beamlines	On the synergic approach toward experimental realization of interesting fundamental science through the laser plasma interaction
60	Topical plenary	F	Hooman	Hezaveh	Australian National University	Nonlinear phase dynamics in a chirping wave
61	Topical plenary	F	Yohei	Kawazura	Tohoku University	Inertial range of magnetorotational turbulence: reduced magnetohydrodynamics and ultra-high resolution simulations
62	Topical plenary	F	Lorenzo	Sironi	Columbia University	The physics of particle acceleration in relativistic reconnection and turbulence
63	Topical plenary	F	Ka Ho	Yuen	Los Alamos	Origin of realistic magnetized cold neutral media in multiphase interstellar media
64	Topical plenary	F	Archie	Bott	Princeton University	TDYNO Laser-driven Experiments to Study Magnetized Turbulence and Fluctuation Dynamo
65	Topical plenary	B	Yan	Feng	Soochoow University	Dynamics of compressional shocks in 2D dusty plasmas
66	Topical plenary	B	Gert	Brodin	University of Umeå	High intensity high density plasma physics
67	Topical plenary	B	Tito	Mendonca	Universidade de Lisboa	Landau Damping and Particle Trapping in Quantum Plasmas
68	Topical plenary	B	Giovanni	Manfredi	Centre National de la Recherche Scientifique	Driving orbital magnetism in gold nanoparticles through plasmonic effects
69	Topical plenary	B	Dietmar	Block	IEAP, Kiel University	From novel diagnostics towards new insight into dusty plasmas
70	Topical plenary	B	Rajesh	Srivastava	Indian Institute of Technology (IIT) Roorkee	Reliable Collision Radiiative Models for the Diagnostics of Ar and Ne and their Mixture Plasmas
71	Topical plenary	B	Shigeru	Morita	National Institute for Fusion Science	Observation of magnetic dipole (M1) forbidden lines in fusion plasmas and its contribution to atomic physics and burning plasma diagnostics
72	Topical plenary	A	Dingxin	Liu	Xi'an Jiaotong University	Using cold atmospheric plasma treated-air for disinfection in cold-chain environment
73	Topical plenary	A	Cheng	Zhang	Institute of Electrical Engineering, CAS	Investigation on the electric-field driven ionization wave in nanosecond pulse discharge
74	Topical plenary	A	V L	Mathe	S P Pune University	Biomedical Application of ECR Plasma
75	Topical plenary	A	Xiaoxia	Zhong	Shanghai Jiao Tong University	Diagnostic of atmospheric pressure microplasma in close proximity to liquid using image method
76	Topical plenary	A	Jung-Sik	Yoon	Korea Institute of Fusion Energy	Data-Informed Advanced Plasma Equipment/Process Control Technologies for Non-Equilibrium Plasma Applications
77	Topical plenary	A	Xi-Ming	Zhu	Harbin Institute of Technology	Intelligent and Standardized test system for electric propulsion in China
78	Topical plenary	A	Manabu	Tanaka	Kyushu University	Innovative thermal plasma generation with diode-rectified AC arc system and its applications
79	Topical plenary	A	Pascal	BRAULT	University of Orleans / CNRS	Molecular Dynamics simulations for low temperature plasma processes
80	Topical plenary	A	Tom	Huiskamp	Eindhoven University of Technology	Pulsed Power Technology for Transient Plasma Applications at Eindhoven University of Technology
81	Topical plenary	A	Naho	Itagaki	Kyushu University	Structural Control of Sputter Deposited Films beyond the Thornton Diagram Using Impurities
82	Topical plenary	A	Sung-Ha	Hong	University of South Australia	Safety implications of cold atmospheric pressure plasma in biomedical applications
83	Topical plenary	L	Boyuan	Li	Shanghai Jiao Tong University	Efficient high-order harmonic generation via surface plasma compression with lasers
84	Topical plenary	L	Masakatsu	MURAKAMI	ILE, Osaka University	Microcavity implosions for generation of ultrahigh electric fields and megatesla magnetic fields
85	Topical plenary	L	Liming	Chen	Shanghai Jiao Tong University	Ultra-high charge electron acceleration for intense nuclear excitation
86	Topical plenary	L	Atsusi	Sunahara	Padue University	Pulse-shape control for efficient laser ion acceleration
87	Topical plenary	L	Vitaly	Kocharovsky	Texas A&M University	PIC-modeling and experimental study of various ensembles of the z-pinches and current sheets: From an unusual structuring of a laser plasma to a
88	Topical plenary	L	Tomohito	Otobe	National Institutes for Quantum Science and Technology	Semi-classical approach for laser-metal interaction
89	Topical plenary	L	Shiyu	Zhou	Tsinghua University	High efficency uniform positron acceleration in plasma wakefield accelerator
90	Topical plenary	SG	Valery	Nakariakov	University of Warwick	Magnetohydrodynamic seismology of solar coronal plasmas
91	Topical plenary	SG	Breno	Raphaldine	Durham University	Magnetic winding as an indicator of eruptive activity in the Sun
92	Topical plenary	SG	Paul	Cally	Monash University	Mode conversion of MHD waves and shocks in the solar atmosphere
93	Topical plenary	SG	Ruilong	Guo	Shandong University	Magnetic reconnection in the Earth's magnetosphere and in the centrifugally-dominated magnetospheres of giant planets
94	Topical plenary	SG	Xuzhi	Zhou	Peking University	Charged Particle Dynamics in the Poloidal- and Toroidal-mode ULF waves
95	Topical plenary	SA	Jasmina	Magdalenic	Royal Observatory of Belgium&KU Leuven	How the fast solar wind develops on the way from the Sun to Earth?
96	Topical plenary	SA	Abraham	Chian	University of Adelaide	Amplification of magnetic field driven by turbulent dynamo
97	Topical plenary	SA	Feng	Chen	Nanjing University	Radiative magnetohydrodynamics simulations of solar atmosphere and eruptions
98	Topical plenary	SA	Dipankar	Banerjee	IIAP	Aditya L1: India's space plasma laboratory to study the Sun
99	Topical plenary	MF1	Clemente	Angioni	Max-Planck-Institut für Plasmaphysik, Garching	The prediction of tokamak plasma confinement, from scaling laws to full-radius integrated modelling
100	Topical plenary	MF1	Alessandro	Marinoni	Massachusetts Institute of Technology	Negative triangularity tokamak plasmas: history and potential for a reactor solution
101	Topical plenary	MF1	Hartmut	Zohm	EUROfusion	Development of a plasma scenario for the EU DEMO tokamak reactor
102	Topical plenary	MF1	Eleonore	Geulin	IRFM - CEA Cadarache	Pellet core fueling in tokamaks, stellarators and reversed field pinches
103	Topical plenary	MF1	Jiale	Chen	Institute of Plasma Physics, CAS	Preparation for predict-first experiments on EAST to improve performance in steady-state advanced scenarios
104	Topical plenary	MF1	Francesco	Sciortino	Max Planck Institute for Plasma Physics	Impurity Transport in DIII-D and ASDEX-Upgrade Diverted Negative Triangularity Plasmas
105	Topical plenary	MF2	SeongMoo	Yang	Princeton Plasma Physics Laboratory	Localizing resonant magnetic perturbation to optimize ELM controls in tokamak
106	Topical plenary	MF2	Dominique	Escande	Aix-Marseille Université	Plasma-wall self-organization in magnetic fusion
107	Topical plenary	MF2	A. Oak	Nelson	Columbia University	H-mode Inhibition in Negative Triangularity Tokamak Reactors
108	Topical plenary	MF2	Ben	Zhu	Lawrence Livermore National Laboratory	Edge plasma dynamics during thermal quench in BOUT++ electromagnetic turbulence simulations
109	Topical plenary	MF2	Guizhong	Zuo	ASIPP	Particle control for long pulse plasma operation in EAST tokamak
110	Topical plenary	MF2	Mamoru	Shoji	National Institute for Fusion Science	Contributions of plasma-wall interaction and dust transport simulation analyses to the enhancement of the transition to the increased plasma confinement regime by boron powder injection using an impurity powder dropper in the Large Helical Device

111	Topical plenary	MF2	Ryuichi	Sano	National Institutes for Quantum Science and Technology	Evaluation of impurity source distribution by combination of reconstruction technique and impurity transport code
112	Invited	CD	Dong	Dai	South China University of Technology	Pattern formation in the helium atmospheric dielectric barrier discharge: numerical simulation and theoretical analysis
113	Invited	CD	Zhibin	Guo	PKU	Up-gradient Particle Transport Driven by Potential Vorticity Boundary Layer
114	Invited	CD	C.C.	Chen	UCSD	Neutrals and Electromagnetic drift-Rossby-Alfven turbulence: Drag, Entrainment, and Ambipolar Diffusion
115	Invited	CD	Yusuke	Kosuga	Kyushu University	Excitation of nonlinear breather in magnetized plasmas
116	Invited	CD	Qinghao	Yan	SWIP	Staircases: The Role of Resonant Transport of PV
117	Invited	CD	Patrick	Diamond	UCSD	Spreading,SOL Broadening and Entrainment
118	Invited	CD	Ting	Long	Southwestern Institute of Physics	Turbulence spreading dynamics approaching the density limit
119	Invited	CD	Wenbin	Liu	Shenzhen University	ExB staircase in HL-2A L-mode tokamak discharges
120	Invited	CD	Dongning	Yue	Harbin Institute of Technology at Weihai	Electrostatic shock waves driven by electron vortices in laser–plasma interactions
121	Invited	CD	Kaixuan	Fan	Peking University	Kinetic Landau-fluid closures of non-Maxwellian distributions
122	Invited	CD	Hiroe	Igami	National Institute for Fusion Science	Observation of electron cyclotron waves emitted via mode conversion processes and analysis of their propagation characteristics
123	Invited	CD	Jinbang	Yuan	southwestern institute of physics	Behaviors of blobs/holes and their roles in the enhanced turbulence spreading near the density limit
124	Invited	CD	Rameswar	Singh	UCSD	The Ubiquitous Zonal Flow
125	Invited	CD	Andrea	MACCHI	CNR/INO (National Institute of Optics), Pisa	Coherent Laser-Plasma Acceleration: Recent Results
126	Invited	CD	Naoki	Kenmochi	NIFS	Propagation characteristics of preceding turbulence pulses at avalanche events
127	Invited	CD	Shin-ichi	Takehiro	Kyoto Univerisity	Zonal banded jets generated by thermal convection in rapidly rotating spherical shells
128	Invited	CD	Koki	Ryono	Kyoto Univerisity	Numerical methods for calculating statistical equilibria of two-dimensional turbulence considering all Casimir invariants
129	Invited	CD	Fredy	Ramirez	UCSD	Staircase Structure in a Melting Flow
130	Invited	CD	Tomoro	Yanase	RIKEN Cluster for Pioneering Research	Numerical study on the self-aggregation of moist convection in radiative-convective equilibrium
131	Invited	CD	Ayushi	Vashistha	Institute for Plasma research & Applied Materials Inc	Localized heating of ions in magnetized plasma in a laser-plasma interaction
132	Invited	CD	Weixin	Guo	HUST	The Effects of Non-Ambipolar Transport on Confinement Transition
133	Invited	CD	Ivan	Novikau	Princeton Plasma Physics Laboratory	Quantum algorithm for modeling radiofrequency waves in an inhomogeneous plasma
134	Invited	CD	Nami	Li	Lawrence Livermore National Laboratory	Small/Grassy ELM dynamics and its impact on the SOL width scaling
135	Invited	CD	Zeyu	Li	ORAU/General Atomics	Role of Multi-Scale MHD and Turbulence in Pedestal Stability and Transport in Wide Pedestal Quiescent H-Mode
136	Invited	CD	Masaru	Yamamoto	Kyushu Univ.	Atmospheric super-rotation dynamics of cloud-covered planets
137	Invited	CD	Michikazu	Kobayashi	Kochi University of Technology	Time arrow in superfluid vortex dynamics
138	Invited	CD	Takahiro	Iwayama	Fukuoka University	Flux inequality and dual cascade process in two-dimensional and geostrophic turbulence
139	Invited	F	Elijah	Kolmes	Princeton University	Recovering Gardner restacking with purely diffusive operations
140	Invited	F	Peter	Donnel	CEA	Impact of the transition from open to closed field lines on turbulent transport in tokamaks
141	Invited	F	Hiroaki	Nakamura	National Institute for Fusion Science	MD simulation with deep learning on ro-vibrational population of hydrogen isotopologues for neutral transport analysis
142	Invited	F	Takashi	Shiroto	QST Rokkasho	Development of MUSES code for nonlinear MHD simulations with locally divergence-free discontinuous Galerkin method
143	Invited	F	Michael	Leconte	Korea Institute of Fusion Energy (KFE)	Turbulence-driven Vortex-Flow around a magnetic island
144	Invited	F	Naoki	Sato	The University of Tokyo	Existence of Weakly Quasisymmetric Magnetic Fields in Asymmetric Toroidal Domains with Non-Tangential Quasisymmetry
145	Invited	F	Keiji	Fujita	National Institute for Fusion Science	Study on impurity hole plasmas by global neoclassical simulation
146	Invited	F	Pavel	Goncharov	Peter the Great St. Petersburg Polytechnic University	Energetic and Angular Distributions of Nuclear Fusion Products in Tokamak Plasma
147	Invited	F	SHISHIR	BISWAS	Institute for Plasma Research	Induction dynamo using Yoshida-Morrison flow: Generation of large scale magnetic energy
148	Invited	F	Camille	Granier	Université Côte d'Azur,	Non-collisional plasmoid instability based on gyrofluid and gyrokinetic simualtions
149	Invited	F	Hiroshi	Tanabe	University of Tokyo	Global ion heating/transport process of magnetic reconnection in flux tube merging experiments
150	Invited	F	Sayak	Bose	Princeton Plasma Physics Laboratory	Conversion of magnetic energy to plasma kinetic energy during a fast guide field
151	Invited	F	Yin	Wang	Princeton Plasma Physics Laboratory	Observation of standard magnetorotational instability in the laboratory
152	Invited	F	Lai	Wei	Dalian University of Technology	Unstable spectra of plane Poiseuille flow with longitudinal magnetic field
153	Invited	F	Zhisong	Qu	Australian National University	Alfvén eigenmodes with magnetic islands
154	Invited	F	Tara	Ahmadi	University of Tokyo	Dynamic reconstruction of tokamak magnetic configuration by using the measurement coupled MHD simulation
155	Invited	F	Kurt	Williams	The University of Western Australia	Lagrangian point-models for unstable interfaces: outdated technique or modernisable approach?
156	Invited	F	Maxime	Lesur	Université de Lorraine	Scaling of turbulent diffusion in the quasilinear regime and beyond
157	Invited	F	Yan	Yang	University of Delaware	Quantifying nongyrotropy of proton-electron heating in turbulent plasmas
158	Invited	F	David	Schaffner	Bryn Mawr College	Plasma Turbulence Studies in a Laboratory Wind Tunnel
159	Invited	F	Sergio	Servidio	University of Calabria	Phase space transport in the interaction between shocks and plasma turbulence
160	Invited	F	Mingyun	Cao	UC San Diego	Theory of Pedestal Micro-turbulence with RMP-Induced Stochasticity
161	Invited	F	Sung Sik	Kim	Korea Institute of Fusion Energy	Generation of ExB flow shear by finite orbit width effects from heat sources in tokamaks
162	Invited	F	Grzegorz	Kowal	University of São Paulo	Particle Acceleration in Turbulence and Stochastic Reconnection
163	Invited	F	Ningfei	Chen	Zhejiang University	The soliton propagation and energy transfer in the coupled drift wave and energetic particle induced geodesic acoustic mode system
164	Invited	F	ByungJun	Kang	Seoul National University	Gyrokinetic studies of ExB staircase in KSTAR ohmic plasmas
165	Invited	F	Yingchao	Lu	University of Rochester	TDYNO FLASH simulations and NIF experiments to study thermal conduction suppression in galaxy clusters

166	Invited	F	Thomas	Campbell	University of Oxford	GSI Experiments of Ion Acceleration in Magnetized Turbulence
167	Invited	B	Hongxuan	Zhu	Princeton Plasma Physics Laboratory	Quantitative measurements of ion orbit loss from gyrokinetic simulations
168	Invited	B	Swarniv	Chandra	Government General Degree College at Kushmandi	Symbolic Simulation Technique to Study the Nonlinear Evolution of Envelop Soliton during Intense Laser Plasma Interaction
169	Invited	B	Nareshpal	Singh Saini	Guru Nanak Dev University	Nonlinear propagation of kinetic Alfvén waves in dusty superthermal plasmas
170	Invited	B	Amar	Misra	Visva-Bharati University	Instability of thermoacoustic shocks in fluid plasmas
171	Invited	B	Tsun-Hsu	Chang	National Tsing Hua University	Is it possible to employ TM modes for gyrotrons
172	Invited	B	Po-Yu	Chang	National Cheng Kung University	Head-on collisions of two supersonic plasma jets
173	Invited	B	Swati	Baruah	The Assam Kaziranga University	Lane dynamics in 2D Pair-ion Plasmas: effect of obstacle and geometric aspect ratio
174	Invited	B	Min-Kai	Lin	Academia Sinica Institute of Astronomy and Astrophysics	Hopes and challenges in modern planet formation
175	Invited	B	Lei	Chang	Chongqing University	Wave propagation and power deposition in blue-core helicon plasma
176	Invited	B	Nicolas	Crouseilles	Université de Rennes, Inria Rennes	High-Order Numerical Methods for a Hybrid Kinetic/Fluid Plasma Model
177	Invited	B	Mushtaq	Ahmad	International Islamic University	Nonlinear Multi Time Scale Analysis in Quantum Plasmas
178	Invited	B	Zhandos	Moldabekov	Center for Advanced Systems Understanding (CASUS)	Alternating Screening And Higher Harmonics In Complex Plasmas
179	Invited	B	Toseo	Moritaka	National Institute for Fusion Science	Recent progress on numerical development toward core-edge modeling of stellarators
180	Invited	B	M N	Qureshi	GC University Lahore	Coupled Kinetic Alfven-Acoustic Solitary Waves with Double Spectral Index Distribution Function
181	Invited	B	Waqas	Masood	COMSATS University Islamabad	Interaction of solitons in quantum plasmas with relativistically degenerate electrons
182	Invited	B	Banibrata	Mukhopadhy	Indian Institute of Science, Bangalore	Effect of Landau quantization in equation of state of degenerate electrons and quantum speed limit
183	Invited	B	George	Wilkie	Princeton Plasma Physics Laboratory	Stochastic and spectral methods as complimentary approaches to studying neutral-plasma interaction
184	Invited	B	Chihiro	Suzuki	National Institute for Fusion Science	Soft X-ray spectroscopy and atomic physics of highly charged lanthanide ions in plasmas
185	Invited	B	Kazuma	Emoto	Yokohama National University	Numerical investigation of magnetic nozzle plasma expansion using fully kinetic simulations
186	Invited	B	Ram	Prajapati	Jawaharlal Nehru University (JNU), New Delhi	Cosmic-rays driven MHD waves and gravitational instability in magnetized plasmas
187	Invited	B	Reetesh	Gangwar	Indian Institute of Technology Tirupati	Optical diagnostic of atmospheric pressure surface dielectric barrier discharge plasma
188	Invited	B	Umesh	Kadhane	Indian Institute of Space Science and Technology, Thiruvananthap	Development and implementation of electric propulsion diagnostics system
189	Invited	B	Jong	Choi	Oak Ridge National Laboratory	Machine Learning Analysis of Plasma-Science Data
190	Invited	B	Masaki	Nishiura	National Institute for Fusion Science	Collective Thomson scattering for fast ion measurements
191	Invited	B	Haiqing	Liu	ASIPP	Far-infrared laser diagnostics for fusion devices
192	Invited	B	Kenji	Tanaka	National Institute for Fusion Science	Phase contrast imaging for the measurements of microturbulence
193	Invited	B	Gaurav	Shukla	ITER-India, Institute for Plasma Research	Development of Passive Charge eXchange spectroscopy on ADITYA-U tokamak and Studies of Intrinsic rotation of ADITYA-U plasmas
194	Invited	B	Mainak	Bandyopadhy	ITER-India, Institute for Plasma Research	Diagnostics for a fusion grade neutral beam injector
195	Invited	B	Chi-Shung	Yip	ASIPP	Recent development of EEDF measurement and control in multi-dipole confined hot cathode discharges at the ASIPP
196	Invited	B	Noritaka	Sakakibara	Tokyo Institute of Technology	Plasma interacting with condensed media
197	Invited	B	Seungtaek	Lee	Pohang University of Science and Technology	Strongly coupled plasma in single-component supercritical fluids
198	Invited	B	June Young	Kim	Seoul National University	Efficiency Improvement of an E×B Penning Discharge Source by Enhanced Cross-field Transport of Electrons
199	Invited	B	Jaeho	Kim	Samsung Electronics	Microwave plasma technologies for semiconductor processing
200	Invited	B	Remya	Bhanu	Indian Institute of Geomagnetism, Navi Mumbai	Geomagnetic storm time dependence of EMIC wave activity and wave parameters in the Earth's magnetosphere
201	Invited	B	Pintu	Bandyopadhy	Institute for Plasma Research	Excitation of precursor, pinned solitons and shock waves in flowing dusty plasmas
202	Invited	B	Debaprasad	Sahu	Indian Institute of Technology Delhi	Uniform cold hydrogen plasma production over a large cross-sectional area using plasma expansion
203	Invited	B	Hae June	Lee	Pusan National University	GPU-based parallelization of an energy-conserving 3D 3V electromagnetic particle-in-cell simulation
204	Invited	B	Kaibang	Wu	Dalian University of Technology	The analysis of memory effects in plasma transport theory based on time-fractional transport equations
205	Invited	B	Shantanu Ku	Karkari	Institute for Plasma Research	Applications of analytical modeling and experiments to examine probe sheaths and non-equilibrium properties of plasmas in laboratory devices
206	Invited	B	Madhurjya P	Bora	Gauhati University	Dust-charge fluctuation – a revisit
207	Invited	B	Kotaro	Yamasaki	Hiroshima University	Two-dimensional structure of fluctuations and their modal coupling in linear magnetized plasma
208	Invited	B	Francesco	Valentini	Università della Calabria	A numerical code for the simulation of electrostatic waves in Penning-Malmberg machines
209	Invited	A	Deepak Pras	Subedi	Kathmandu University	Surface Treatment Mulberry Silk Fabric by Atmospheric Pressure Dielectric Barrier Discharge
210	Invited	A	Sharma	Sarveshwar	Institute for Plasma Research	Investigating the effects of electron bounce-cyclotron resonance on plasma dynamics in capacitive discharges operated in the presence of a weak transverse magnetic field
211	Invited	A	Wenfu	Wei	Southwest Jiaotong University	Arcing damages and strategies to improve the Electric-mechanical performance for the carbon matrix composites
212	Invited	A	Guodong	Meng	Xi'an Jiaotong University	Insight into the fundamental characteristics of micro-APGD below 100 μm
213	Invited	A	Jiting	Ouyang	Beijing Institute of Technology	Discharge modes and transitions of argon helicon plasmas in low and high magnetic fields
214	Invited	A	Lanbo	Di	Dalian University	Formic acid dehydrogenation over activated carbon supported Pd-based catalysts: Insight into the cold plasma treatment
215	Invited	A	Xuechen	Li	Hebei University	Plume morphology and streamer behavior of an atmospheric pressure argon plasma jet
216	Invited	A	Hao	Zhao	Peking University	Kinetic Study of Ammonia Synthesis by Using Non-Equilibrium Plasma and Pulzed Heating
217	Invited	A	Zhongwei	Liu	Beijing Institute of Graphic Communication	Plasma-assisted Fluidized-bed Atomic Layer Deposition of Pd and Pd-Cu catalysts
218	Invited	A	Sirui	Li	Eindhoven University of Technology	CO2 capture and conversion with non-thermal plasma
219	Invited	A	Fei	Kong	Institute of Electrical Engineering, CAS	Research progress of functionally graded materials prepared by atmospheric pressure plasma
220	Invited	A	Yuan-Tao	Zhang	Shandong University	Comprehensive study on interactions of cold atmospheric plasmas and Oil

221	Invited	A	Dawei	Liu	Huazhong University of Science and Technology	Efficient elimination of pathogenic microorganismsaerosol by plasma
222	Invited	A	Weizong	Wang	Beihang University	Particle modeling of ionic liquid permeation, emission and plume neutralization in electrospray propulsion system
223	Invited	A	Ying	Guo	Donghua University	Self-healing super-hydrophobically coated fiber prepared by plasma treatment
224	Invited	A	Quan-Zhi	Zhang	Dalian University of Technology	Electron heating mechanisms and dynamics in magnetized Capacitively Coupled Plasmas
225	Invited	A	Li	Wang	Ruhr-University Bochum	Electron power absorption and plasma uniformity control by structured electrodes in capacitive RF discharges
226	Invited	A	Sanghoo	Park	Korea Advanced Institute of Science and Technology	Three distinct electron characteristics in a pulsed rf atmospheric-pressure plasma jet
227	Invited	A	Hyochang	Lee	Korea Research Institute of Standards and Science	Discharge physics of radio-frequency plasmas and its applications to the nanomaterial fabrication
228	Invited	A	Zefeng	Yang	Southwest Jiaotong University	Fiber repair and interface enhancement by plasma-assisted self-assembly of graphene Oxide and carbon fiber
229	Invited	A	Gayatri	Dhamale	Bhabha Atomic Research Centre	Thermal plasma synthesis of alloy nanoparticles
230	Invited	A	Mayur	Kakati	CPP-IPR, Assam, India-782402	Studies on the retarded recrystallization of tungsten in CIMPLE-PSI exposed under extreme surface temperature and He+-fluence
231	Invited	A	Rajib	Kar	Bhabha Atomic Research Centre	Atmospheric Pressure Cold Plasma: From Nanotechnology to Decontamination
232	Invited	A	Young Choor	Park	Korea Institute of Fusion Energy	Quantum chemical approaches toward searching for the low GWP plasma gas
233	Invited	A	Yeong-Geun	Yook	Korea Institute of Fusion Energy	Realistic and real-time 3D high-aspect-ratio (HAR) etching simulation under the fluorocarbon plasma
234	Invited	A	Zhitong	Chen	National Innovation Center for Advanced Medical Device	Cold Plasma Delivery for Cancer Therapy
235	Invited	A	Yifei	ZHU	Xi'an Jiaotong University	Simulations of Streamer-Spark-Arc Discharges for Flow and Ignition Control
236	Invited	A	Renwu	Zhou	Xi'an Jiaotong University	Plasma Bubbles: A route to Green Chemistry
237	Invited	A	Ch	Subrahmany	Indian Institute of Technology Hyderabad	Plasma Catalysis: Basics and recent developments
238	Invited	A	Dae-Hoon	Lee	Korea Institute of Machinery &Materials	Plasma process for carbon neutral chemistry
239	Invited	A	Krishn Pal	Singh	Indian Institute of Technology (IIT) - Kanpur	Optical tuning of metallic thin films using microwave generated low energy plasma ion beams
240	Invited	A	Xuekai	Pei	Wuhan University	Nitrogen fixation using the "Propeller Arc" discharge in air
241	Invited	A	Feng	Yu	Shihezi University	Plasma-assisted bottom-up strategy of nanomaterial fabrication for water treatment
242	Invited	A	Xiaoyue	Chen	Wuhan University	Key species and chemical reactions in Atmospheric pressure humid air corona discharge
243	Invited	A	Shuai	Zhang	Institute of Electrical Engineering, CAS	N2 fixation, CO2 conversion, and CH4 valorization in atmospheric pulsed plasmas
244	Invited	A	qiang	chen	Xiamen University	Synthesis of gold nanoparticles from plasma chemistry
245	Invited	A	Kun	Liu	Chongqing University	Reduced electric field and gas temperature effects on chemical product dynamics in air surface
246	Invited	A	Qiuyue	Nie	Harbin Institute of Technology	Investigations on modulation of GHz electromagnetic wave propagation by sub-wavelength plasma structures
247	Invited	A	Sharad Kuma	Yadav	Sardar Vallabhbhai National Institute of Technology (SVNIT)	Two-dimensional (2D) hydrodynamics simulation of the lateral interaction of two laser-blow-off (LBO) plasma plumes
248	Invited	A	Prof. Suresh	Sharma	Delhi Technological University	The influence of plasma parameters on device characteristics of a Carbon Nanotube Field Effect Transistor (CNTFET)
249	Invited	A	Kunihiro	Kamataki	Kyushu University	Control of Growth of Nano-particles and Properties of SiO2 Films with Amplitude Modulated Discharge in TEOS-PECVD
250	Invited	A	Nan	Jiang	Dalian University of Technology	Plasma and plasma-catalysis technologies for environmental pollutions degradation
251	Invited	L	Jieru	Ren	Xi'an Jiaotong Univeristy	Laboratory generation and applications of uniform dense plasma
252	Invited	L	Punit	Kumar	University of Lucknow	Filamentation In Spin Polarized Magnetized Quantum Plasma
253	Invited	L	Prashant Kun	Singh	National Laser-Initiated Transmutation Laboratory	Particle acceleration and fusion neutrons with few-cycle relativistic intense laser pulses
254	Invited	L	Gabriel	Perez-Callejo	Atómica y Óptica, Universidad de Valladolid, Spain	Characterizing strongly magnetized hot dense plasmas in cylindrical implosion experiments
255	Invited	L	Hsu-Hsin	Chu	National Central University	Research progress of laser-plasma interaction in the 100-TW laser facility at National Central University
256	Invited	L	Yao-Li	Liu	Institute of Space and Plasma Sciences	Transverse selective-zoning method of quasi-phase-matching for ion-based high-harmonic generation operated from water window to keV X-ray
257	Invited	L	Zheng	Gong	Max Planck Institute for Nuclear Physics	Deciphering in situ electron dynamics of ultrarelativistic plasma via polarization pattern of emitted gamma-photons
258	Invited	L	Dong	Wu	Shanghai Jiao Tong University	Large-scale quantum degenerate kinetics for double cone ignition fusion
259	Invited	L	Fuyuan	Wu	Shanghai Jiao Tong University	Two-dimensional simulations on the plasma implosions in Double-Cone Ignition scheme
260	Invited	L	Sivarama	Krishnan	Indian Institute of Technology Madras	All-optical probing of intense field ionization inside transparent media
261	Invited	L	Amit	Lad	Tata Institute of Fundamental Research, Mumbai	Ultra Intense Lasers generated Shock Waves
262	Invited	L	P. Prem	Kiran	University of Hyderabad	Dynamics of shock-plasma interactions of ns laser induced air plasmas: Experimental Visualization vis-a-vis Numerical simulation
263	Invited	L	Yihang	Zhang	Institute of Physics, CAS	Energy coupling and transition in the double-cone ignition scheme
264	Invited	L	Xin	Lu	Institute of Physics, CAS	Ultra-fast x-ray-dynamic and ultra-fast electron diffraction experimental subsystems
265	Invited	L	Domenico	Doria	Extreme Light Infrastructure-Nuclear Physics IFIN-HH	Results on the commissioning experiments of laser-driven acceleration of ions and electrons with the 1 PW laser of ELI-NP
266	Invited	L	Yurina	MICHINE	University of Electro-Communications	Candidate of final focusing system for high power lasers
267	Invited	L	Uddhab	Chaulagain	ELI-Beamlines Center, Dolni Brezany, Czech Republic	Update on development of Laser plasma accelerator based X-ray sources at ELI Beamlines
268	Invited	L	Taiwu	Huang	Shenzhen Technology University	New mechanisms of high-current relativistic electron beam transport in plasmas
269	Invited	L	Anthony	Mercuri-Baro	LULI - University Sorbonnes	Photon-seeded nonlinear Breit-Wheeler pair production: role of laser intensity and spatio-temporal shape versus photon energy
270	Invited	L	Yanfei	Li	Xi'an Jiaotong University	Helicity Transfer in Strong Laser Fields via the Electron Anomalous Magnetic Moment
271	Invited	L	Jinqing	Yu	Hunan University	High charge electrons and bright x-ray source driven by 100s-TW laser pulse
272	Invited	L	Ashutosh	Sharma	ELI-ALPS, Szeged (Hungary)	High Energy THz Beamlines at ELI-ALPS
273	Invited	L	Mohammad	Tayyab	Raja Ramanna Centre for Advanced Technology	Laser-Driven Ion Acceleration and Applications
274	Invited	L	Yinren	Shou	Institute for Basic Science	High energy proton generation from nanometer targets driven by a PW laser
275	Invited	L	Jingwei	Wang	Shanghai Institute of Optics and Fine Mechanics, CAS	Intense high-order harmonics and attosecond pulses carrying angular momentum

276	Invited	L	Yuji	takagi	Osaka University	Multiple regression analysis for maximum proton energy in laser-driven acceleration
277	Invited	L	Chengzhuo	Xiao	Hunan University	k-space theory of stimulated Raman and Brillouin side scattering
278	Invited	L	Jie	Zhao	National Uni. Defense Tech.	Quasi-monoenergetic GeV positron bunch generation by twisted laser fields
279	Invited	L	Guobo	Zhang	National Uni. Defense Tech.	Carrier-Envelope-Phase-Controlled Acceleration of Multicolored Attosecond Electron Bunches in a Millijoule-Laser-Driven Wakefield
280	Invited	L	Xiangrui	Jiang	National Uni. Defense Tech.	Laser-driven high-yield neutron source based on microstructured plasma
281	Invited	L	Tingshuai	Li	University of Electronic Science and Technology of Chin	Electromagnetic pulses generated from large laser infrastructures in China
282	Invited	L	Byoung-ick	Cho	Gwangju Institute of Science and Technology (GIST)	Ultrafast nonequilibrium dynamics in warm dense noble metals
283	Invited	L	Min Sup	Hur	Ulsan National Institute of Science and Technology (UNIST	Laser Pulse Compression in Plasma
284	Invited	L	Hiroshi	Sawada	University of Nevada Rino	Ultrafast dynamics of relativistic electron heating in a high-intensity laser-produced solid-density plasma
285	Invited	L	Nozomi	Tanaka	tanaka-n@ile.osaka-u.ac.jp	Comprehensive diagnostics of hydrogen radical generation by photon-gas interactions for lithography applications
286	Invited	L	Naoki	HIGASHI	Faculty of Engineering, Hokkaido University	Isochoric heating of solid-density plasmas beyond keV temperature by fast thermal diffusion with relativistic picosecond laser light
287	Invited	L	Shaoyi	Wang	Research Center of Laser Fusion, CAEP	Generation and application of femtosecond laser driven ultrafast radiation source
288	Invited	L	Kai	Huang	National Institutes for Quantum Science and Technology	Temporal characterizations of electron bunches from laser-plasma accelerator
289	Invited	L	Bo	Guo	Beijing Academy of Quantum Information Sciences	High resolution imaging and CT using a robust table-top ultrafast synchrotron radiation source
290	Invited	L	Mrityunjay	Kundu	Institute for Plasma Research	Short pulse laser cluster interaction in ambient magnetic fields
291	Invited	L	Akira	Kon	National Institutes for Quantum Science and Technology	Characterization of plasma mirror system for ultra-high contrast PW pulse in J-KAREN-P
292	Invited	L	Shinichi	Namba	Hiroshima University	Enhancement of high-order harmonics radiations around 13.5 nm by a long-interaction gas tube and its application to development of photoresist materials
293	Invited	SG	Muddasir	Ali	NUST, Islamabad	Propagation characteristics of parallel propagating waves in a relativistic magnetized electron plasma
294	Invited	SG	Riddhi	Bandyopadhy	Princeton University	Energy Cascade and proton-electron Heating in turbulent Plasmas
295	Invited	SG	Nadia	Imtiaz	Theoretical Physics Division, PINSTECH	Effect of magnetic connectivity on CubeSat needle probe measurement
296	Invited	SG	Hongtao	Huang	National Uni. Defense Tech.	On the magnetic dip ahead of the dipolarization fronts
297	Invited	SG	Masafumi	Shoji	Nagoya University	Nonlinear interactions between EMIC waves and ions in the inner magnetosphere: Theory, computer simulations and spacecraft observations
298	Invited	SG	Jichen	Sun	Polar Research Institute of China	Evidence of Alfvén Waves Generated by Mode Coupling in the Magnetotail Lobe
299	Invited	SG	Kai	Huang	University of Science and Technology of China	Formation of pancake, rolling-pin, and cigar distributions of energetic electrons at the dipolarization fronts (DFs) driven by magnetic reconnection: a two-dimensional particle-in-cell simulation
300	Invited	SG	Huayue	Chen	University of Science and Technology of China	Gap Formation around 0.5Ω_e in the Whistler Waves due to the Plateau-like Shape in the Parallel Electron Distribution
301	Invited	SG	Adriane	Franco	Federal University of Jataí, Brazil	Intermittent plasma turbulence in the Martian magnetosheath
302	Invited	SG	Pablo	Moya	Universidad de Chile, Chile	Kinetic regulation of turbulence in the Earth's magnetic environment
303	Invited	SG	Victor	Munoz	Universidad de Chile	Fractality of MHD shell model for turbulent plasma driven by solar wind
304	Invited	SG	Igor	Paulino	Universidade Federal de Campina Grande, Brazil	Two decades of airglow observation of equatorial plasma bubbles in the Brazilian equatorial region
305	Invited	SG	Run	Shi	Tongji University	Mode conversion from kinetic Alfvén waves to modified electron acoustic waves
306	Invited	SG	Yangguang	Ke	University of Science and Technology of China	Deformation of electron distributions due to Landau trapping by the whistler-mode wave
307	Invited	SG	Erico	Rempel	Aeronautics Institute of Technology – ITA	Lagrangian coherent structures in solar plasmas
308	Invited	SG	Wenya	Li	National Space Science Center, CAS	Statistics of the high-speed electron flows in the terrestrial magnetotail
309	Invited	SG	Muhammad F	bashir	University of California Los Angeles	Quantifying the Energetic Electron Precipitation driven by combined effects of EMIC and whistler waves in the Earth's magnetosphere
310	Invited	SG	Marina	Stepanova	Universidad de Santiago de Chile	Evolution of relativistic electrons in the radiation belt during geomagnetic storms
311	Invited	SG	Yangyang	Liu	Beihang University	Evolution of Plasma Discontinuities from Sun to Earth
312	Invited	SG	Xing	Cao	Wuhan University	Resonant scattering of radiation belt electrons at Saturn by ion cyclotron waves
313	Invited	SG	Barbara	Perri	Ku Leuven	Towards a physical and operational solar wind: Combining polytropic approximation and Alfvén waves
314	Invited	SG	Guo	Chen	Institute of Geology and Geophysics, CAS	Magnetic reconnection near the terminator at Mars: MAVEN observations
315	Invited	SG	Kirolosse	Girgis	I-SPES, Kyushu University	Inner Radiation Belt Modeling for Space Weather Applications
316	Invited	SG	Sadia	Zaheer	FCCU, Lahore	Ion Bernstein Mode with non-Thermal distribution functions
317	Invited	SG	Rungployphа	Kieokaew	Institut de Recherche en Astrophysique et Planétologie (IRAP)	Cross-scale energy transfer induced by the Kelvin-Helmholtz instability
318	Invited	SG	Shogo	Isayama	IGSES, Kyushu University	Particle acceleration by counter-propagating circularly polarized Alfvén waves
319	Invited	SG	Jin	Guo	University of Science and Technology of China	Three-dimensional global hybrid simulations of flux transfer event showers at Mercury
320	Invited	SG	Lina	Hadid	LPP/CNRS-Ecole Polytechnique	Exploration of planetary magnetospheres
321	Invited	SG	Nahuel	Andrés	University of Buenos Aires	Turbulence and energy dissipation in the interplanetary medium: theory, simulation, and spacecraft observations
322	Invited	SG	Binbin	Tang	National space science center, CAS	Observations of agyrotropic electron distributions in the absence of magnetic reconnection
323	Invited	SG	Chengming	Liu	Beihang University	Cross-scale dynamics driven by plasma jet braking in space
324	Invited	SG	Si	Liu	Changsha University of Science and Technology	Quasi-Electrostatic Magnetosonic Waves in The Terrestrial Magnetosphere
325	Invited	SG	Xiongdong	Yu	Wuhan University	Duct effects of magnetic field structures on whistler waves
326	Invited	SG	Zhihong	Zhong	Nanchang University	Stacked Electron Diffusion Regions and Electron Kelvin-Helmholtz Vortices within the Ion Diffusion Region of Collisionless Magnetic Reconnection
327	Invited	SG	Kaiti	Wang	Tamkang University	Analysis of Fermi acceleration of electrons from electric fields during dipolarization
328	Invited	SG	Kotaro	Yoshida	Kyushu University	Large-scale test particle simulation of galactic cosmic rays invading the heliosphere
329	Invited	SG	Fumiko	Otsuka	ESST, Kyushu University	Bursty electron acceleration associated with a quasi-perpendicular shock reformation
330	Invited	SG	Gohar	Abbas	GC University Lahore	Study of Hydromagnetic solitary waves in the earth inner magnetosphere via the Adlam-Allen model Short

331	Invited	SA	Hongqiang	Song	Shandong University	Composition of Interplanetary Coronal Mass Ejections
332	Invited	SA	Li	Feng	Purple Mountain Observatory, CAS	CMEs, Flares, Prominences in Lyman-alpha: Science Preparations for ASO-S/LST
333	Invited	SA	Xiaoli	Yan	Yunnan Observatories, CAS	Fast plasmoid-mediated reconnection in a solar flare
334	Invited	SA	Yajie	Chen	Peking University	Forward Modeling of Solar and Stellar Coronal Magnetic-field Measurements Based on a Magnetic field-induced Transition in Fe X
335	Invited	SA	Muhammad	Sarfraz	GC University Lahore	Study of the wave dynamics for the marginally stable solar wind plasma: A quasilinear approach
336	Invited	SA	Hamid	Saleem	National University of Science and Technology (NUST)	Physical mechanism for the upward acceleration of 2-D plasma disk, creation of solar spicules and an exact 3-D solution of plasma equations
337	Invited	SA	Yikang	Wang	Nanjing University	Fast magnetic wave could heat solar low-beta chromosphere
338	Invited	SA	Haruka	Washinoue	The University of Tokyo	The Effect of the Chromospheric Temperature on Coronal Heating
339	Invited	SA	Tomohisa	Kawashima	ICRR, University of Tokyo	Images and Radiation Spectra of Black Hole Accretion Flows Computed by GRRT Code RAIKOU
340	Invited	SA	Yulei	Wang	Nanjing University	Current-sheet Oscillations Caused by Kelvin-Helmholtz Instability at the Loop Top of Solar Flares
341	Invited	SA	Dipanjan	Mukherjee	Inter-University Centre for Astronomy and Astrophysics, Pur	Unveiling the role of relativistic jets in galaxy evolution through MHD simulations
342	Invited	SA	Yuta	Notsu	University of Colorado	Recent Observations of Stellar Flares and Possible Mass Ejections
343	Invited	SA	Shin	Toriumi	JAXA, ISAS	Evidence of Universal Heating Mechanism of Solar and Stellar Atmospheres
344	Invited	SA	Samrat	Sen	CmPA, KU Leuven	Evolution of the thermal and tearing modes in a current sheet: Explosive reconnection and formation of plasmoids
345	Invited	SA	Jeong-Gyu	Kim	Korea Astronomy and Space Science Institute	Numerical Modeling of Star Formation and Stellar Feedback in the Multiphase Interstellar Medium
346	Invited	SA	Qingmin	Zhang	Purple Mountain Observatory, CAS	Circular-ribbon flares and the related activities
347	Invited	SA	Yijun	Hou	National Astronomical Observatories, CAS	Dynamics of sunspot light bridges
348	Invited	SA	Masanori	Iwamoto	Kyushu University	Coherent emission from 3D relativistic shocks
349	Invited	SA	Chun	Xia	Yunnan University	Simulations on the origin of magnetic flux ropes in quiescent and active regions on the Sun
350	Invited	SA	Sven	Van Loo	University of Leeds/Ghent University	Magneto-gravitational fragmentation of quiescent and turbulent layers
351	Invited	SA	Heshou	Zhang	INAF	Observation of MHD modes and its implications on cosmic ray transport
352	Invited	SA	Qile	Zhang	Los Alamos National Laboratory	Efficient Nonthermal Ion and Electron Acceleration in 3D Magnetic Reconnection
353	Invited	SA	Suoqing	Ji	Shanghai Astronomical Observatory	The impact of cosmic rays on galaxy evolution from kpc to AU scales
354	Invited	SA	Yaping	Li	Shanghai Astronomical Observatory	Flares from the Supermassive Black Hole in our Galaxy
355	Invited	SA	Uri Pierre	Burmester	Australian National University	White Dwarf merger simulations and detonations using the moving-mesh code AREPO
356	Invited	SA	Petr	Heinzel	Czech Academy of Sciences& University of Wroclaw	Cool flare loops in solar and stellar coronae
357	Invited	SA	Jie	Zhao	Purple Mountain Observatory, CAS	Chromospheric recurrent jets in a sunspot group and their inter-granular origin
358	Invited	SA	Reetika	Joshi	University of Oslo	Multi-temperature solar jets and emerging flux MHD models
359	Invited	SA	Milan	Maksimovic	Observatoire de Paris (LESIA)	Early results from the Solar Orbiter mission
360	Invited	SA	Stuart	Bale	UC Berkeley	Evidence that the fast solar wind is driven by interchange reconnection in the low corona
361	Invited	SA	Die	Duan	Peking University	Structure and Dynamics of Solar Wind in the Inner Heliosphere
362	Invited	SA	Jun	Xu	National Astronomical Observatories of China	Evidence for strong intracluster magnetic fields in the early universe
363	Invited	SA	Dhrubaditya	Mitra	NORDITA, Stockholm	Waves in stratified plasmas with inhomogeneous magnetic fields
364	Invited	MF1	Luis	Delgado-Apa	Princeton Plasma Physics Laboratory	Off-axis runaway-electron seed formation, growth and suppression
365	Invited	MF1	Seung-Hoe	Ku	Princeton Plasma Physics Laboratory	Gyrokinetic Penetration of Resonant Magnetic Perturbation into Tokamak Pedestal and Core
366	Invited	MF1	Matteo	Falessi	ENEA	Energetic particle nonlinear equilibria and transport processes in burning plasmas
367	Invited	MF1	Allan	Reiman	Princeton Plasma Physics Laboratory	Avoiding Disruptions by Suppressing Magnetic Islands via RF Current Condensation
368	Invited	MF1	Thomas	Hayward-Sch	Max-Planck-Institute for Plasma Physics	Global electromagnetic gyrokinetic simulations of Energetic Particle driven instabilities in ITER and ASDEX Upgrade
369	Invited	MF1	Michael	Cole	Princeton Plasma Physics Laboratory	Progress on global gyrokinetic physics of novel confinement regimes in stellarators
370	Invited	MF1	Jiansheng	Hu	Institute of Plasma Physics, CAS	Recent progresses of EAST towards long plasma operation
371	Invited	MF1	Marie-Christi	Firpo	Laboratoire de Physique des Plasmas, CNRS-IPParis	Axisymmetric steady-state flows in tokamak plasmas under the visco-resistive MHD setting
372	Invited	MF1	James	Yang	PPPL	Predictive modeling of fast ion transport in the presence of magnetic islands in NSTX
373	Invited	MF1	Bonofiglo	Phillip	PPPL	Alpha particle losses in JET's DT Campaign
374	Invited	MF1	Liming	Yu	Southwestern Institute of Physics	Experimental Evidence of Nonlinear Avalanche Dynamics of Energetic Particle Modes
375	Invited	MF1	Yi	Zhang	Southwestern Institute of Physics	How Coherent Structure Accelerates Turbulence Spreading: a `Trapping-hopping' Mechanism
376	Invited	MF1	Mengdi	Kong	United Kingdom Atomic Energy Authority	Interpretative modeling of disruption mitigation via deuterium shattered pellet injection on JET
377	Invited	MF1	Yasuhiro	Yamamoto	QST Rokkasho Fusion Institute	Integrated modeling of runaway electrons in JA-DEMO disruptions
378	Invited	MF1	Toru	Tsujimura	National Institute for Fusion Science	Direct Observation of Non-locality of Non-diffusive Counter-gradient Electron Heat Transport
379	Invited	MF1	Jie	Zhang	Southwestern Institute of Physics	Experimental research and analysis on energetic ion confinement quality in plasma core region during MHD instabilities in the HL-2A tokamak
380	Invited	MF1	Deyong	Liu	General Atomics	Sawtooth stabilization and destabilization by neutral beam generated fast ions in DIII-D negative and positive triangularity plasmas
381	Invited	MF1	Wei	Zhang	Institute of Plasma Physics, CAS	Influence of ICRF and NBI synergy on plasma performance and fast ion distribution on EAST
382	Invited	MF1	Peiwan	Shi	Southwestern Institute of Physics	Nonlinear interaction between toroidal Alfven eigenmode and tearing mode on HL-2A tokamak
383	Invited	MF1	Xiao-Long	Zhu	Dalian University of Technology	Avalanche transport of energetic-ions in magnetic confinement plasmas: nonlinear multiple wave-number simulation
384	Invited	MF1	Xiang	Jian	University of California, San Diego/ General Atomics	Near-Edge Alfven eigenmodes in DIII-D high β_p plasmas
385	Invited	MF1	Pengjuan	Su	Tsinghua University	Observation of a bursting Alfvén instability driven by energetic electrons during EAST ohmic discharges

386	Invited	MF1	Kunihiro	Ogawa	National Institute for Fusion Science	Progress in energetic particle confinement research in the Large Helical Device deuterium experiments using integrated neutron diagnostics
387	Invited	MF1	Joseph	McClenaghar	General Atomics	Self-Consistent Investigation of Density Fueling Needs on Future Devices
388	Invited	MF1	Jeff	Lestz	University of California, Irvine	Experimental comparison of ion cyclotron emission in stellarator, tokamak, and space plasmas
389	Invited	MF1	Jialei	Wang	National Institute for Fusion Science	Self-consistent simulations of ICRF-induced Alfvén eigenmodes in helical plasmas
390	Invited	MF1	Wanling	Ge	Dalian University of Technology	Global kinetic-MHD simulations of downsweeping reversed shear Alfvén eigenmodes in tokamak plasmas
391	Invited	MF1	Zong Yu	Yang	Southwestern Institute of Physics	An interpretable, transferable and real-time disruption predictor in HL-2A based on deep learning
392	Invited	MF1	Jinxiang	Zhu	Plasma Science and Fusion Center, MIT	Data-driven predictive modeling of major disruptions and unstable event identification across multiple tokamaks
393	Invited	MF1	Ernesto	Lerche	Laboratory for Plasma Physics-ERM/KMS, Brussels	Development of a hybrid plasma scenario for D-T experiments in JET-ILW
394	Invited	MF1	Guodong	Yu	Zhejiang University	Design of optimized stellarators with simple coils
395	Invited	MF1	Matthew	Hole	Australian National University	Interaction of Resonant Magnetic Perturbations with Energetic Particle Modes
396	Invited	MF1	Aylwin	Iantchenko	EPFL-SPC	Gyrokinetic simulations of turbulence in JT-60SA with the GENE code
397	Invited	MF1	Nathan	Richner	Oak Ridge Associated Universities	Understanding the roots of tearing mode onset and growth in DIII-D
398	Invited	MF1	Valeria	Ostuni	CEA, IRFM (France)	Core radiative collapse characterization and integrated modelling in WEST plasmas
399	Invited	MF1	Katsuji	ICHIGUCHI	National Institute for Fusion Science	Nonlinear transition of pressure driven modes in heliotron configuration
400	Invited	MF2	Pengfei	Li	Peking University	Nonlinear simulation of kinetic Peeling-Ballooning mode with bootstrap current under the BOUT++ Gyro-Landau-Fluid code
401	Invited	MF2	Yiren	Zhu	Southwestern Institute of Physics	Exploring the ELM characteristics in super H-mode operation scenario of the HL-2M tokamak
402	Invited	MF2	Guoliang	XIAO	southwestern institute of physics	An Innovative Approach to the Improved Radiating Divertor Concept by Supersonic Molecular Beam Injection
403	Invited	MF2	Xin	Lin	Institute of Plasma Physics, CAS	Mitigation of edge-localized mode enabled by control of neutral recycling with new EAST divertor
404	Invited	MF2	José	Vicente	Universidade de Lisboa	Synthetic O-mode conventional reflectometry - an overview
405	Invited	MF2	Mohammed	KOUBITI	PIIM Laboratory, Aix-Marseille Université-CNRS	Application of Artificial Intelligence in the analysis of emission spectra for plasma diagnostics and predictions
406	Invited	MF2	Ping	Zhu	HUST	Effects and mechanisms of impurity radiation on tearing mode island growth in a tokamak
407	Invited	MF2	Robert	Hager	Princeton Plasma Physics Laboratory	Electromagnetic total-f simulation of tokamak boundary plasma across magnetic separatrix in a gyrokinetic particle-in-cell code
408	Invited	MF2	Yifeng	Wang	Institute of Plasma Physics, CAS	Effect of separatrix density on ELM instability in long-pulse H-mode plasmas on EAST
409	Invited	MF2	Alessandro	Geraldini	EPFL, Swiss Plasma Center	Direct steady-state solutions of kinetic magnetised plasma sheaths at shallow magnetic field angles
410	Invited	MF2	Satoshi	Ohdachi	National Institute for Fusion Science	Pattern transition of the 2D density fluctuation in the peripheral region of the LHD
411	Invited	MF2	Xiang	Liu	Institute of Plasma Physics, CAS	Simulations of scrape-off layer power width for EAST H-mode plasma and ITER 15 MA baseline scenario by 2D electrostatic turbulence code
412	Invited	MF2	Xingquan	WU	Institute of Plasma Physics, CAS	The magnetic coherent mode driven by thermal gradient with trapped electron bounce resonance in tokamak plasmas
413	Invited	MF2	Shuai	Gu	Oak Ridge Associated Universities	Exploiting the influence of plasma shape on the 3D plasma response to maximize access to RMP-ELM control in tokamaks
414	Invited	MF2	Qian	Zou	Southwestern Jiaotong University	Effect of impurity ions on turbulence-zonal flows dynamics in HL-2A plasmas
415	Invited	MF2	Na	Wu	Southwestern Institute of Physics	In-out asymmetry of the divertor particle flux and the detachment phenomenon on HL-2A tokamak
416	Invited	MF2	Rubino	Giulio	ENEA, Fusion and Nuclear Safety Department	The role of the modeling in the optimization of the DTT divertor
417	Invited	MF2	Hui	Wang	Institute of Plasma Physics, CAS	Modelling of edge transport and screening of tungsten impurity for different divertor conditions in EAST
418	Invited	MF2	Akira	Tonegawa	School of Science, Tokai University	Experimental simulation of divertor plasma in magnetic flux expansion using a linear device TPDsheet-U
419	Invited	MF2	Linming	Shao	Institute of Plasma Physics, CAS	L-H transition triggered by sawtooth-induced heat flux in EAST
420	Invited	MF2	Satoshi	Togo	University of Tsukuba	High-accuracy simulations of SOL plasmas over a range of collisionality by a plasma fluid model based on the anisotropic ion pressure
421	Invited	MF2	Ting	Wu	Southwestern Institute of Physics	Impact of turbulence spreading on Scrape-Off Layer width in HL-2A Ohmic plasma
422	Invited	MF2	Andreas	Kleiner	Princeton Plasma Physics Laboratory	A higher fidelity model for ELM onset in spherical tokamaks
423	Invited	MF2	Jason	Parisi	Princeton Plasma Physics Laboratory	KBM stability in NSTX pedestals
424	Invited	MF2	Rupak	Mukherjee	Princeton Plasma Physics Laboratory	Tracking Blobs to Analyze Turbulence in the Edge of Tokamak
425	Invited	MF2	Rui	Ke	Southwestern Institute of Physics	Electrode biasing maintains the edge shear layer at high density in the J-TEXT tokamak
426	Invited	MF2	Minwoo	Kim	Korea Institute of Fusion Energy	Database analysis for RMP-driven ELM-crash-suppression experiments in KSTAR carbon wall
427	Invited	MF2	Krzysztof	GALAZKA	CEA, IRFM	Particle transport and heat loads in JT-60SA studied by SOLEDGE3X-EIRENE code
428	Invited	MF2	Juri	Romazanov	Forschungszentrum J.lich, Germany	Plasma-surface interaction and impurity transport simulations with the three-dimensional Monte-Carlo code ERO2.0
429	Invited	MF2	Luca	Guazzotto	Auburn University	Single- and Two-Fluid Tokamak Equilibria with Flow: Review and Progress
430	Invited	MF2	Nicolas	Rivals	IRFM/CEA, CEA Cadarache	First wall fluxes in ITER from full vessel edge-plasma simulations with SOLEDGE3X
431	Invited	MF2	Xuele	Zhao	Dalian University of Technology	The influence of full drifts on density shoulder formation at midplane and double peak density at target by numerical modeling
432	Invited	MF2	Yanjie	Zhang	Dalian University of Technology	The radiative divertor and in/out asymmetry in HL-2M by impurity seeding with full drifts
433	Invited	MF2	Song	Zhou	Huazhong University of Science and Technology	First application of the island divertor configuration in the J-TEXT tokamak using external RMP coils
434	Invited	MF2	Jie	Yang	Forschungszentrum Jülich GmbH	The effects of magnetic topology on the edge turbulent transport in the first island divertor plasma operation of the J-TEXT tokamak
435	Invited	MF2	Eric	Emdee	Princeton Plasma Physics Laboratory	Modeling a Lithium Vapor Box Divertor and Resulting Ion Flows on NSTX-U using SOLPS
436	Invited	MF2	Anurag	Maan	Princeton Plasma Physics Laboratory	Lithium conditioning leads to a low collisionality edge and reduced recycling in LTX-beta
437	Invited	MF2	Dennis	Boyle	Princeton Plasma Physics Laboratory	Extending and sustaining the low-recycling regime with higher performance discharges, liquid lithium walls, and NBI-heating in the Lithium Tokamak Experiment-β
438	Invited	MF2	F.	Saenz	Princeton University, Princeton NJ, USA	Liquid-metal linear-flow MHD experiments for nuclear fusion applications
439	Invited	MF2	SangKyeun	Kim	Mechanical &Aerospace Engineering Princeton University & PPPL	Nonlinear MHD modeling on RMP-induced pump-out in KSTAR with realistic tokamak geometry