

| # | Talk type | Field | First name | Family name | Affiliation | Talk title |
|----|-----------------|--------------|----------------|---------------|--|--|
| 1 | Plenary | | | | | Chandrasekhar Prize Lecture |
| 2 | Plenary | | | | | PIP Prize Lecture |
| 3 | Plenary | CD | Ryo | Furue | Japan Agency for Marine-Earth Science and Technology | 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 Lab | Quasilinear theory, collisions, and ponderomotive forces: a unification for general plasmas and beyond |
| 8 | Plenary | F | Susumu | Goto | Graduate School of Engineering Science, Osaka University | 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 | Shin | Kajita | The University of Tokyo | Helium plasma induced fuzzy metal: growth mechanism and its application |
| 12 | Plenary | B | William | Tang | Princeton University | Deep Learning Acceleration of Progress in Fusion Energy Research |
| 13 | Plenary | B | John | Goree | The University of Iowa | Exploiting dusty plasma to test theories of statistical physics |
| 14 | Plenary | B | Rajaraman | Ganesh | Institute for Plasma Research | Can a toroidal electron plasma be confined for ever – a numerical exploration! |
| 15 | Plenary | A | Hai-Xing | Wang | Beihang University | Experimental study and numerical simulation of a DC plasma arc anode attachment characteristics |
| 16 | Plenary | A | Hiroataka | 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 | M. | Krishnamurthi | 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-Universität München | 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 Alejandro | Valdivia | Universidad de Chile | Complexity approaches to space plasma dynamics |
| 26 | Plenary | SG | Kazuo | 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 | Rajesh | | | |
| 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 | Chandrashekhar | 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 |

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| 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 Radiative 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 | Kocharovskiy | Texas A&M University | PIC-modeling and experimental study of various ensembles of the z-pinch 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 efficiency 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 | IAP | 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 |

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| 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-Alfvén 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 University | Zonal banded jets generated by thermal convection in rapidly rotating spherical shells |
| 128 | Invited | CD | Koki | Ryono | Kyoto University | 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 | Lecote | 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 simulations |
| 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 | Ahmedi | 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 |

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| 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 Alfvén-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, Thiruvananthapuram | 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 ExB 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 Pulsed 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 |

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| 221 | Invited | A | Dawei | Liu | Huazhong University of Science and Technology | Efficient elimination of pathogenic microorganisms aerosol 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 | Sanghoon | 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 CIRCLE-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 Choon | 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 Devices | 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 | Subrahmanyam | 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 | N ₂ fixation, CO ₂ conversion, and CH ₄ 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 Kumar | 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 | Kamatani | Kyushu University | Control of Growth of Nano-particles and Properties of SiO ₂ Films with Amplitude Modulated Discharge in TEOS-PECVD |
| 250 | Invited | A | Nan | Jiang | Dalian University of Technology | Plasma and plasma-catalysis technologies for environmental pollution degradation |
| 251 | Invited | L | Jieru | Ren | Xi'an Jiaotong University | 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 Kumar | Singh | National Laser-Initiated Transmutation Laboratory | Particle acceleration and fusion neutrons with few-cycle relativistic intense laser pulses |
| 254 | Invited | L | Gabriel | Perez-Calleja | 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 γ -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 |

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| 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 China | 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 Reno | 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 | Bandyopadhyay | 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 $0.5\Omega_e$ 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 | Rungploypha | 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 |

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| 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 | Dipanjana | 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 | Bonofiglio | 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 Alfvén 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 Alfvén 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 |

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| 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 | McClenagha | 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 | Jiafei | 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 Jülich, 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 & PPL | Nonlinear MHD modeling on RMP-induced pump-out in KSTAR with realistic tokamak geometry |

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| 440 | Oral | CD | Andrei | Smolyakov | University of Saskatchewan | Plasma flow and acceleration in the magnetic nozzle configurations |
| 441 | Oral | F | Jun-Jie | Zhang | Northwest Institute of Nuclear Technology | Relativistic collisional Plasma simulation via the GPU clusters |
| 442 | Oral | F | Hui | Li | Dalian University of Technology | A deep learning-based prediction for the multi-scale instability in fusion plasma |
| 443 | Oral | F | Chiping | Chen | Brookline Consultants | Energy Confinement Time in Magnetic Fusion |
| 444 | Oral | F | Yutaro | Nakajima | Kyoto Institute of Technology, Department of Elect | Investigation of counter-differential rigid-rotation equilibria of electrically non-neutral two-fluid plasma |
| 445 | Oral | F | Tulasi | Parashar | Victoria University of Wellington | On defining the distribution function in a kinetic plasma |
| 446 | Oral | B | Yue | Niu | Xidian University | Comparative Study on Morphology and Formation Mechanism of Argon and Air Inductively Coupled Plasma Discharge |
| 447 | Oral | B | Jie | Yang | Xidian University | Temperature Prediction of Inductively Coupled Plasma Generator Quartz Tube Based on Deep Belief Network |
| 448 | Oral | B | Cheng-Ran | Du | Doghua University | Interaction between a solitary wave and a disordered quasi-two-dimensional binary complex plasma |
| 449 | Oral | A | Wai-Keung | Lau | National Synchrotron Radiation Research Center | Superradiant THz Free Electron Laser Driven by Intense Ultrashort Electron Bunches |
| 450 | Oral | A | Ya | Zhang | Wuhan University of Technology | Particle-in-cell and Monte Carlo collision simulation of dielectric barrier discharges |
| 451 | Oral | L | Tao | Tao | University of Science and Technology of China | A machine learning approach in the direct drive ICF pulse shape design |
| 452 | Oral | L | Yifei | Li | Institute of Physics, CAS | Generating large charge electron beam and high conversion efficiency betatron radiation based on direct-laser-acceleration |
| 453 | Oral | L | Ratul | Sabui | TIFR, Hyderabad & IIT, Hyderabad | Optimizing Instabilities for efficient electron acceleration |
| 454 | Oral | L | Bhuvanesh | Ramakrishna | Indian Institute of Technology Hyderabad | Photon emission enhancement studies from the interaction of ultraintense laser pulses with shaped targets |
| 455 | Oral | L | Kaoru | Sugimoto | Osaka University | Electron-positron pair production by linear Breit-Wheeler process in ultra-short petawatt laser-plasma interaction |
| 456 | Oral | L | Tomoaki | Kimura | Gifu University | Fluid-like elastic response of superionic NH ₃ in Uranus and Neptune |
| 457 | Oral | L | Xiaohu | Yang | National University of Defense Technology | Efficient designing laser-driven fusion targets by combining random walk and Bayesian optimization |
| 458 | Oral | L | Jin-Long | Jiao | Zhejiang University | Ion Current Screening Modeling of the Ion-Weibel Instability |
| 459 | Oral | L | Desheng | Hong | Beijing Academy of Quantum Information Sciences | The development of application oriented industry level super-compact 200TW 25fs 5Hz Ti:Sapphire laser on a single table (1.5 m×3 m) |
| 460 | Oral | SA | Kosuke | Namekata | National Astronomical Observatory | Detection of filament eruption on Sun-like star |
| 461 | Oral | SA | Bruno | Coppi | MIT | Formation and Ejection of Double-Helix Plasma Structures From Gravitational Wave Emitters |
| 462 | Oral | SA | Xiaoshuai | Zhu | National space science center, CAS | Magnetohydrostatic Modeling of the Solar Atmosphere |
| 463 | Oral | SA | Xingyao | Chen | University of Glasgow | Radio wave propagation in the solar corona |
| 464 | Oral | SA | Xiangliang | Kong | Shandong University | The Acceleration of Energetic Particles at Coronal Shocks: the Effect of Large-scale Magnetic Field Structures |
| 465 | Oral | SA | Hao | Ning | Shandong University | PIC simulations of harmonic maser emissions |
| 466 | Oral | SA | Stefaan | Poedts | Center for Mathematical Astrophysics, KU Leuven | Space weather modelling with EUHFORIA |
| 467 | Oral | SA | Liping | Yang | National space science center, CAS | Excitations of Alfvén Wave by 3D Turbulent Magnetic Reconnection |
| 468 | Oral | SA | Zain | Ali | GC University Lahore | A quasilinear analysis of Co-existence and transition of electromagnetic proton cyclotron and electron fire hose instability. |
| 469 | Oral | SA | Chaudhary | Rozina | Department of Physics, GGCW, Lahore Pakistan | Magnetic field quantization in pulsars |
| 470 | Oral | MF1 | Atsushi | Okamoto | Nagoya University | Power balance study on small tokamak for light source application |
| 471 | Oral | MF1 | Yury | Dnestrovskij | NRC Kurchatov Institute | Equivalence of the transport properties of ECRH shots of tokamak and stellarator. |
| 472 | Oral | MF1 | Min | Jiang | Southwestern Institute of Physics | Coupling among neoclassical tearing modes, edge localized modes and Alfvén eigenmodes in HL-2A high beta H-mode plasmas |
| 473 | Oral | MF1 | Pengjun | Sun | Institute of Plasma Physics, CAS | Experimental and Numerical Study of the Enhancement of Ion-scale Turbulence during Neutral Beam Injection in the Core of an EAST L Mode Plasma |
| 474 | Oral | MF1 | SHOUXIN | WANG | Institute of Plasma Physics, CAS | Investigation of particle transport in I-mode plasma on EAST tokamak |
| 475 | Oral | MF1 | Bin | Cao | Institute of Plasma Physics, CAS | Transient heat flux control by SMBI during Type-I ELMs in EAST |
| 476 | Oral | MF1 | Xiang | Chen | University of Science and Technology of China | Gyrokinetic simulations of the electric current generation in drift wave turbulence |
| 477 | Oral | MF1 | John | Boguski | Los Alamos National Laboratory | Local Flow Measurements in the Reversed Field Pinch Single-Helical-Axis State |
| 478 | Oral | MF1 | Duan | Sizhe | University of Science and Technology of China | Simulations of nonlinear interaction between beta-induced Alfvén eigenmode and tearing mode |
| 479 | Oral | MF1 | Linge | Zang | Southwestern Institute of Physics | Design of the stripping unit and the electromagnetic analysis unit for the E/B NPA on HL-2A/2M tokamak |
| 480 | Oral | MF1 | Shizuo | Inoue | National Institutes for Quantum Science and Technology | Development of adaptive equilibrium controller in JT-60SA |
| 481 | Oral | MF1 | Zaihong | Wang | Southwestern Institute of Physics | Improvement on Faraday rotation measurement and core magnetic fluctuation detected by laser Polarimeter-Interferometer on HL-2A tokamak |
| 482 | Oral | MF1 | Tong | Liu | Dalian University of Technology | MHD@Dalian Code simulation of NTM control via ECCD for disruption avoidance |
| 483 | Oral | MF1 | Da | Li | Huazhong University of Science and Technology | The Investigation of Multi Tearing Modes Coupling and Controlling Multi Modes Coupling via Resonant Magnetic Perturbation on J-TEXT |
| 484 | Oral | MF1 | Zhoujun | Yang | Huazhong University of Science and Technology | Sawtooth control by ECRH on J-TEXT tokamak |
| 485 | Oral | MF1 | Jiayan | Liu | Dalian University of Technology | Isotope effects on micro-instabilities in tokamak plasmas with impurities |
| 486 | Oral | MF1 | Yufan | Qu | Southwestern Institute of Physics | Design and simulation using FIDAsim of a diamond detector neutral particle analyzer on HL-2A tokamak |
| 487 | Oral | MF1 | Xue | Bai | Southwestern Institute of Physics | Toroidal modeling of energetic passing particle drift kinetic effects on tearing mode stability |
| 488 | Oral | MF1 | Wenmin | ZHANG | Dalian University of Technology | Effect of resonant magnetic perturbations on metal impurity behavior in EAST tokamak |
| 489 | Oral | MF1 | Donghui | Xia | Huazhong University of Science and Technology | Recent progress of the ECRH system and related physics experiments on J-TEXT |
| 490 | Oral | MF1 | Animesh | Kuley | Indian Institute of Science Bangalore | Gyrokinetic simulation of electrostatic microturbulence in ADITYA-U tokamak |
| 491 | Oral | MF1 | Wei | Zhang | Institute for Fusion Theory and Simulation | The mechanism for the incomplete-reconnection sawtooth oscillations |
| 492 | Oral | MF1 | Haoxi | Wang | Southwestern Institute of Physics | Development of the CO ₂ dispersion interferometer on HL-2M Tokamak |
| 493 | Oral | MF2 | Taotao | Zhou | University of Science and Technology of China | Particle-in-cell simulations of parametric instability driven by the lower hybrid pump wave in the EAST tokamak |
| 494 | Oral | MF2 | Joshua | Doak | Australian National University | A Robust Safety Factor Constraint for Anisotropic MHD Stability Studies of Edge Localised Modes |

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| 495 | Oral | MF2 | Changjiang | Sun | Dalian University of Technology | Simulation of ion cyclotron resonance heating and its impact on the heat flux to the target in MPS-LD linear plasma device |
| 496 | Oral | MF2 | Grant | Bodner | Princeton Plasma Physics Laboratory | Impact of Boron Powder Injection on Plasma-Wall Interactions and Core Confinement in WEST L-Mode Plasmas |
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