

CD (Cross-Disciplinary)				2021.07.02 AAPPS-DPP	
No	Name	Affiliation	Title	P, TP, I	Subcategory
1	Liu Chen	Institute for Fusion Theory and Simulation and Department of Physics, Zhejiang University, Hangzhou, China	Nonlinear Gyrokinetic Theory and Its Applications to Kinetic Alfvén Waves	Plenary	1. CD (cross-disciplinary)
2	Akira Hasegawa	Professor Emeritus, Osaka University	Can the self-organized states of plasma turbulence be compatible with stationary operation of a Tokamak?	Plenary	1. CD (cross-disciplinary)
3	Chris C. Chaston	Space Science Laboratory, UC Berkeley	Dispersive Alfvén Waves in Geospace: Observations and Effects	Plenary	1. CD (cross-disciplinary)
4	Walter Gekelman	University of California, Los Angeles	Experimental studies of Alfvén waves	Plenary	1. CD (cross-disciplinary)
5	Christopher HK Chen	Queen Mary University of London	Kinetic Alfvén Turbulence in Space Plasmas	Topical Plenary	1. CD (cross-disciplinary)
6	Ling Chen	Purple Mountain Observatory, Chinese Academy of Sciences	The excitation mechanisms of KAW by linear instability in solar and space plasmas	Topical Plenary	1. CD (cross-disciplinary)
7	Abraham Chian	University of Adelaide, Australia & INPE, Brazil	Alfvén chaos and complexity in space plasmas	Topical Plenary	1. CD (cross-disciplinary)
8	Su-Ping Duan	State Key Laboratory of Space Weather National Space Science Center (NSSC), CAS, CN	KAWs in the magnetosphere during substorms	Topical Plenary	1. CD (cross-disciplinary)
9	Gregory G. Howes	University of Iowa	The Role of Kinetic Alfvén Waves in Turbulent Plasma Heating and Particle Acceleration	Topical Plenary	1. CD (cross-disciplinary)
10	Kristopher Klein	University of Arizona, Lunar and Planetary Laboratory	Solar Wind Turbulence from the Near-Sun Environment to Earth	Topical Plenary	1. CD (cross-disciplinary)
11	Philipp Lauber	IPP Garching	Kinetic Alfvén waves in tokamak plasmas	Topical Plenary	1. CD (cross-disciplinary)
12	Robert L. Lysak	University of Minnesota	Kinetic Alfvén Waves and Auroral Particle Acceleration	Topical Plenary	1. CD (cross-disciplinary)
13	Anna Tenerani	The University of Texas at Austin	Alfvénic fluctuations and switchbacks in the solar wind: new insights from Parker Solar Probe	Topical Plenary	1. CD (cross-disciplinary)
14	Yuriy Voitenko	Royal Belgian Institute for Space Aeronomy, Brussels, Belgium	KAW turbulence in solar and space plasmas	Topical Plenary	1. CD (cross-disciplinary)
15	Tomohiko Watanabe	Nagoya University	Auroral growth and self-excitation of kinetic Alfvén waves: a cross-disciplinary study for space and fusion plasmas	Topical Plenary	1. CD (cross-disciplinary)
16	Jay R. Johnson	Andrews University	Theory and Simulation of Kinetic Alfvén Waves in Space Plasmas	Invited	1. CD (cross-disciplinary)
17	Xin Wang	Beihang University	The nature of the solar wind turbulence	Invited	1. CD (cross-disciplinary)
18	Yueyan Li	Center for nonlinear plasma science and ENEA, C. R. Frascati	Numerical study of kinetic low frequency electromagnetic continuous spectrum with the DAEPS code	Invited	1. CD (cross-disciplinary)
19	Oreste Pezzi	Gran Sasso Science Institute & Institute for Plasma Science and Technology (ISTP-CNR)	Alfvénic wave packets collisions in a kinetic plasma	Invited	1. CD (cross-disciplinary)
20	Lev Arzamasskiy	Institute for Advanced Study	Collisionless ion heating in space and astrophysical plasmas	Invited	1. CD (cross-disciplinary)
21	Jian Bao	Institute of Physics, Chinese Academy of Sciences	Impact of self-organized zonal fields on toroidal Alfvén eigenmode saturation in tokamaks	Invited	1. CD (cross-disciplinary)
22	Hogun Jhang	Korea institute of fusion energy	Onset and evolution of energetic passing particle driven instabilities in KSTAR	Invited	1. CD (cross-disciplinary)
23	Guoqing Zhao	Luoyang Normal University, China	Observational evidence of proton heating by kinetic Alfvén waves in the solar wind	Invited	1. CD (cross-disciplinary)
24	Christoph Slaby	Max Planck Institute for Plasma Physics, Wendelsteinstr. 1, 17491 Greifswald, Germany	Kinetic Alfvén waves and gyrokinetic fast-ion driven modes in fusion plasmas	Invited	1. CD (cross-disciplinary)
25	Lin I	National Central University	Percolating transition from ordered plane dust acoustic wave to wave turbulence in the dusty plasma	Invited	1. CD (cross-disciplinary)
26	Lei Dai	National Space Science Center (NSSC), CAS, China	Kinetic Alfvén Waves (KAW) eigenmode in Magnetic Reconnection	Invited	1. CD (cross-disciplinary)
27	Hui Li	National Space Science Center, CAS	Contribution of Interplanetary Alfvén Waves on Solar Wind Plasma Heating	Invited	1. CD (cross-disciplinary)
28	Jinsong Zhao	Purple Mountain Observatory, CAS	KAWs in the solar atmosphere	Invited	1. CD (cross-disciplinary)
29	Tieyan Wang	Rutherford Appleton Laboratory, UK Research and Innovation, United Kingdom	Observational quantification of three-dimensional anisotropies and scaling of kinetic Alfvén turbulence	Invited	1. CD (cross-disciplinary)
30	Shiyong Huang	School of Electronic Information, Wuhan University, Wuhan, 430072, China	Kinetic-scale Turbulence in the Inner Heliosphere: PSP Observations	Invited	1. CD (cross-disciplinary)
31	Owen Wyn Roberts	Space Research Institute, Austrian Academy of Sciences, Austria	Multi-point measurements of Kinetic Alfvén wave like fluctuations in the solar wind and the magnetosheath	Invited	1. CD (cross-disciplinary)
32	Trevor Bowen	Space Science Laboratory, UC Berkeley	The Fluid-Kinetic Transition of Alfvén Wave Turbulence	Invited	1. CD (cross-disciplinary)
33	Seth Dorfman	UCLA	Alfvén wave parametric instability in a laboratory plasma	Invited	1. CD (cross-disciplinary)
34	Anton Artemyev	UCLA	Thermal Electron Population in the Earth's Magnetotail: Convective Heating and Nonlinear Resonances with kinetic Alfvén waves	Invited	1. CD (cross-disciplinary)
35	Peter A. Damiano	University of Alaska Fairbanks	Electron energization by dispersive Alfvén waves in planetary magnetospheres	Invited	1. CD (cross-disciplinary)
36	Pengfei Liu	University of California, Irvine	Suppression of Alfvén eigenmodes by microturbulence in fusion plasmas	Invited	1. CD (cross-disciplinary)
37	Rongsheng Wang	University of Science and Technology of China	Lower hybrid waves and whistler in magnetic flux ropes during magnetic reconnection	Invited	1. CD (cross-disciplinary)