MF2 (Magnetic Fusion2 - Edge/div)				2021.07.04 AAPPS-DPP	
	Name	**Affiliation**	**Title**	**P, TP, I**	**Subcategory**
1	Yongkyoon In	Ulsan National Institute of Science and Technology	Path to the ITER-relevant divertor thermal loading control under RMP-driven, ELM-crash-suppression	Plenary	9. MF2 (Edge/Div plasma)
2	Pietro Vincenzi	Consorzio RFX, Padova, Italy	JET L-H transition studies: overview and relevant results towards ITER operation	Plenary	9. MF2 (Edge/Div plasma)
3	Noriyasu Ohno	Nagoya University	Comprehensive study of detached recombining plasmas by using a high density linear plasma device	Plenary	9. MF2 (Edge/Div plasma)
4	Taiichi Shikama	Graduate School of Engineering, Kyoto University	Near-infrared Stokes spectropolarimetry as a novel local measurement method of atomic line emission in SOL and divertor plasmas	Topical Plenary	9. MF2 (Edge/Div plasma)
5	Masahiro Kobayashi	National Institute for Fusion Science	Divertor detachment and core plasma transport with RMP application in LHD	Topical Plenary	9. MF2 (Edge/Div plasma)
6	Rui Ding	Institute of Plasma Physics, Chinese Academy of Sciences, Hefei, China	Plasma-wall interaction during the helium plasma operation in EAST with a tungsten divertor	Topical Plenary	9. MF2 (Edge/Div plasma)
7	Marina Bécoulet	IRFM/CEA, F-13018, St-Paul-les-Durance CEDEX	Edge and divertor physics during ELMs suppression by RMPs in ITER	Topical Plenary	9. MF2 (Edge/Div plasma)
8	Wei Zhang	Chinese Academy of Sciences, Institute of Plasma Physics	Recent progress in improving ICRF power coupling with local gas puffing in EAST	Invited	9. MF2 (Edge/Div plasma)
9	Guoliang Xu	College of Physics and Optoelectronic Engineering, Shenzhen University, Shenzhen 518060, China	Interpretive modellings of tungsten sourcing and leakage in the EAST divertor with a mixed material environment	Invited	9. MF2 (Edge/Div plasma)
10	Paolo Zanca	Consorzio RFX, Padova	A power balance model of the L-mode density limit in fusion plasmas	Invited	9. MF2 (Edge/Div plasma)
11	Chaofeng sang	Dalian University of Technology	Modeling of the plasma performance of EAST tungsten divertor by considering external impurity seeding and W impurity transport	Invited	9. MF2 (Edge/Div plasma)
12	Chen Zhang	Dalian University of Technology	Effect of divertor materials on the power decay width in EAST	Invited	9. MF2 (Edge/Div plasma)
13	Zhenhou Wang	Dalian University of Technology	Simulation of Hydrogen Isotope Transport and Retention in He implanted Tungsten	Invited	9. MF2 (Edge/Div plasma)
14	Livia Casali	General Atomics	Divertor detachment and pedestal performance in the first impurity seeding studies in the SAS slot at DIII-D	Invited	9. MF2 (Edge/Div plasma)
15	Hang Si	Institute of Plasma Physics Chinese Academy of Sciences (ASIPP)	SOLPS-ITER simulations of large power handling in the divertor for CFETR with full drifts	Invited	9. MF2 (Edge/Div plasma)
16	Yang Zhang	Institute of Plasma Physics, Chinese Academy of Sciences	A new divertor concept-Fishtail Divertor for heat load control on divertor target plate in EAST tokamak experiments	Invited	9. MF2 (Edge/Div plasma)
17	Lingyi Meng	Institute of Plasma Physics, Chinese Academy of Sciences	Effect of neon seeding on divertor detachment and core-edge integration in EAST H-mode plasmas	Invited	9. MF2 (Edge/Div plasma)
18	Luís Gil	Instituto de Plasmas e Fusão Nuclear, Instituto Superior Técnico, Universidade Lisboa	EDA H-mode in ASDEX Upgrade: a promising ELM-free regime	Invited	9. MF2 (Edge/Div plasma)
19	Lei Chen	ITER Organization	Modeling runaway electron induced damage to ITER plasma-facing components	Invited	9. MF2 (Edge/Div plasma)
20	Giwook Shin	Korea institute of fusion energy (KFE)	Machine learning-based preemptive control for RMP-driven ELM suppression in KSTAR	Invited	9. MF2 (Edge/Div plasma)
21	LEONID ZAKHAROV	LiWFusion	Low recycling concept of tokamak fusion	Invited	9. MF2 (Edge/Div plasma)
22	Yuhe Feng	Max-Planck-Institute for Plasma Physics	Detachment physics of W7-X island divertor	Invited	9. MF2 (Edge/Div plasma)
23	Victoria Winters	Max-Planck-Institute for Plasma Physics	EMC3-Eirene simulation of first wall recycling fluxes in Wendelstein 7-X with relation to experimental H-alpha behavior	Invited	9. MF2 (Edge/Div plasma)
24	Vladimir Rozhansky	Peter the Great Polytechnic University	Currents and electric fields in edge tokamak plasma	Invited	9. MF2 (Edge/Div plasma)
25	Mizuki Sakamoto	Plasma Research Center, University of Tsukuba	Hydrogen recycling study using a high temperature target in GAMMA 10/PDX tandem mirror	Invited	9. MF2 (Edge/Div plasma)
26	Andrei Khodak	Princeton Plasma Physics Lab	Plasma Facing Components with Capillary Porous System and Liquid Metal Coolant Flow	Invited	9. MF2 (Edge/Div plasma)
27	Zhen Sun	Princeton Plasma Physics Lab	Suppression of larger ELMs and triggering of small ELMs with gravitationally accelerated Li granules in EAST	Invited	9. MF2 (Edge/Div plasma)
28	Priyanjana Sinha	Princeton Plasma Physics Laboratory	Neoclassical transport due to resonant magnetic perturbations in DIII-D	Invited	9. MF2 (Edge/Div plasma)
29	Ahmed Diallo	Princeton Plasma Physics Laboratory	ELM Suppression by Real-Time Boron Powder Injection	Invited	9. MF2 (Edge/Div plasma)
30	Rupak Mukherjee	Princeton Plasma Physics Laboratory, USA	Electromagnetic full-f continuum gyrokinetic simulation of plasma turbulence in scrape-off layer of ASDEX Upgrade tokamak	Invited	9. MF2 (Edge/Div plasma)

31	SangKyeun Kim	Princeton University	Optimization of H-mode pedestal by adaptive ELM control using 3D fields	Invited	9. MF2 (Edge/Div plasma)
32	Yasuhisa Oya	Shizuoka University	Effect of irradiation damages and He existence on hydrogen isotope plasma driven permeation for W	Invited	9. MF2 (Edge/Div plasma)
33	Na Wu	Southwestern Institute of Physics	The distribution characteristics of the particle flux on HL-2A tokamak	Invited	9. MF2 (Edge/Div plasma)
34	Guoliang XIAO	Southwestern institute of physics	Innovative progress of Supersonic Molecular Beam Injection for Particle and Instability Control of Fusion Plasma	Invited	9. MF2 (Edge/Div plasma)
35	Anshu Liang	Southwestern Institute of Physics / CEA-IRFM	Effect of Lower Hybrid Current Drive (LHCD) on Edge Plasma Flows on HL-2A Tokamak	Invited	9. MF2 (Edge/Div plasma)
36	Santanu Banerjee	The College of William and Mary (now at Princeton Plasma Physics Laboratory)	Role of heating power mix (NBI:ECH) and ECH deposition location on the inter-ELM pedestal recovery and ELM frequency in DIII-D	Invited	9. MF2 (Edge/Div plasma)
37	James Harrison	UKAEA	Improved understanding of plasma exhaust and spherical tokamaks from initial physics operations on MAST Upgrade	Invited	9. MF2 (Edge/Div plasma)
38	R. Michael Churchill	Princeton Plasma Physics Laboratory	Machine Learning Acceleration of Gyrokinetic Simulations of Edge Plasma	Invited	CD->MF2
39	Wenhao Wang	University of California, Irvine	Effects of equilibrium radial electric field on ion temperature gradient instability in the scrape-off layer of a field-reversed configuration	Invited	B->MF2
40	Motoshi Goto	National Institute for Fusion Science	Polarization spectroscopy for the study of plasma anisotropy in LHD	Invited	MF1->MF2