

Session1 Chair: Marcin Jakubowski and Dimitry Orlov

ID	contribution	First Author	Title
21	invited	Dorothea Gradic	Long-pulse Operation and Detachment with 3D Boundary
25	invited	Manni, Jia	Impurity seeding for divertor control in EAST 3D magnetic geometry
6	invited	Erhui, Wang	Characterization of detachment behaviours in the inward-shifted configuration of LHD

Session2 Chair: Lu Wang and Katsumi Ida

ID	contribution	First Author	Title
3	invited	Vincenzo, Sanfratello	Study of the magnetic topology of Wendelstein 7-X MHD equilibria in high beta scenarios with HINT
12	invited	Lu, Wang	Magnetic-Island Induced 3D Geometric Stabilization of Turbulence: A Novel Feedback Loop for eITB Bifurcation
23	invited	Vasilii, Khavin	Stochastic Layer Effects on Drift Kinetic Solutions Near Magnetic Island

Session3 Chair: Youwen Sun and Yunfeng Liang

ID	contribution	First Author	Title
1	invited	Peng, Shi	Nitrogen-induced ELM suppression and confinement improvement in the EASTtokamak with a full metal wall
22	invited	Qun, Ma	Recent progress on RMP-ELM control in EAST
20	invited	Shuai, Gu	Hysteresis of plasma response during ELM suppression and its application in RMP-ELM control in EAST

Session6 Chair: Oliver Schmitz and Yasuhiro Suzuki

ID	contribution	First Author	Title
8	invited	Song, Zhou	Formation of an X-point radiation regime and RMP-assisted access to divertor detachment on J-TEXT
19	invited	Mengyuan, He	Suppression of ELM and improved particle confinement with RMP on HL-3 Tokamak
26	oral	Naoko, Ashikawa	Low-Z powder dropping effects in negative triangularity discharges in DIII-D

Session7 Chair: Dorothea Gradic and Alexander Knieps

ID	contribution	First Author	Title
18	invited	Wonjun, Lee	Bayesian Inference of Divertor Electron Density and Temperature from Absolute Helium Beam Line Intensities in W7-X
11	invited	Pei, Ren	Machine-learning prediction of edge plasma profiles based on a multi-purpose manipulator probe dataset in the standard configuration of W7-X
5	invited	Jiankun, Hua	Study of the parallel current distribution characteristics in the Scrape-Off-Layer on W7-X

Posters (day1)

ID	contribution	First Author	Title
9	poster	Shuai, Xu	Fast prediction of 3D edge plasma transport using a neural-network-based surrogate model in the standard configuration of W7-X
10	poster	Muzhi, Tan	Impact of boronization on divertor density regimes and radiation distribution in W7-X standard configuration plasmas
17	poster	Kaixuan, Ye	Impact of Boron Injection on High-Ion-Temperature Plasmas in LHD
14	poster	Yunfeng, Liang	Edge magnetic islands and its application to the development of advanced divertor configuration on the J-TEXT tokamak
24	poster	Jaebeom, Choi	Analysis of K-DEMO Core Instability and 3D Coil Design

Posters (day2)

ID	contribution	First Author	Title
2	poster	Yutong, Yang	Configuration optimization based on a Full Diffusive Field Line Tracing Model on W7-X
4	poster	Shaocheng Liu	Complete suppression of edge localized mode by lower hybrid wave current drive in EAST tokamak
7	poster	Dazheng Li	Impurity pellet rocket effect and its impact on ablation rate in EXL-50U spherical torus
15	poster	Sidney D.V. Williams	Nested Tangles as Dynamical Transport Barriers
13	poster	Alexander, Knieps	Mitigating heat loads in the Wendelstein 7-X high-iota configuration through magnetic field adjustments