Appendix

Presentations in the international meetings in 2010

23rd IAEA Fusion Energy Conference, Daejon, Korea, 11 ~ 16 October 2010
1 YAN Longwen, Overview of experimental results on the HL-2A tokamak
2 CHEN Wei, Destabilization of beta-induced Alfvén eigen modes in the HL-2A tokamak
3 ZHAO Kaijun, Experimental study of zonal flow, geodesic acoustic mode and turbulence regulation in edge plasmas of HL-2A tokamak
4 LIU Yi, Studies on neutral beam ion confinement and MHD induced fast-ion loss on HL-2A tokamak
5 SHI Zhongheng, Improved core transport triggered by off-axis ECRH switch-off on the HL-2A tokamak
6 YU Deliang, Fuelling efficiency and penetration of supersonic molecular beam injection in HL-2A tokamak plasma
7 HUANG Yuan, Study of edge localized mode in HL-2A tokamak experiments
8 YANG Qingwei, First observation of persistent small magnetic islands on HL-2A
9 CHENG Jun, Spatial structures of plasma filaments in the scrape-off layer on HL-2A
10 XIAO Weiwen, Particle transport investigation in HL-2A using ECRH
11 WANG Aike, A simplified momentum conservation analysis on transport reduction induced by zonal flow and turbulent dissipations
12 HAO Guangzhou, Effects of turbulence induced viscosity and plasma flow on resistive wall mode stability
13 HE Hongla, Second stable regime of internal kink modes excited by barely passing energetic ions in tokamak plasmas
14 FENG Kaining, Progress on design and R&D of CN solid breeder TBM
15 XU Zengyu, Experimental studies of MHD flow in a rectangular duct with FCIs
16 LI Pengyuan, R&D of the fabrication technology for ITER magnet supports
17 WANG Pinghui, Research and development of reduced activation ferritic / martensitic steel CLF-1 at SWIP
18 LIU Xiang, Characterization of Chinese beryllium as the candidate armor material of ITER first wall

37th European Physical Society Conference on Plasma Physics, Dublin, Ireland, 21 ~ 25 June 2010
1 DONG Jiaqi, Turbulence and zonal flows in edge plasmas of the HL-2A tokamak plasmas
2 HUANG Yuan, Dynamics of edge localized modes in the HL-2A tokamak
3 CUI Zhengying, Observation of edge impurity screening in L- and H-mode discharges with additional ECH and NBI heating of HL-2A
4 DONG Yunbo, Active control of fast-ion-stabilized sawteeth by electron-cyclotron current drive on HL-2A
5 HUANG Mei, 3 MW ECRH system and experiments on HL-2A

26th Symposium on Fusion Technology, Porto, Portugal, 27 September ~ 1 October 2010
1 LEI Guangjiu, The performance of neutral beam Injection on HL-2A
2 XU Zengyu, Experimental investigation of MHD effect due to FCI electric conductivity and structure differences
3 LI Pengyuan, The development of brazing filler for ITER thermal anchor attachment
4 CHEN Yanjing, Evaluation on reduction of the ITER TFC ripples generated by CN HCCB-TBM
5 XIAO Bin, Design and integration of China helium cooled ceramic breeder test blanket system in ITER
6 ZHU Genliang, Development of pellet fuelling system in HL-2A tokamak

19th International Conference on Plasma Surface Interactions, San Diego, USA, 24 ~ 28 May 2010
1 YAN Longwen, Blob birth and propagation characteristics on the HL-2A tokamak
2 PAN Yudong, Divertor design for HL-2A tokamak modification
3 ZHOU Yan, Development of carbon deposits cleaning technique for metallic mirrors in HL-2A
4 CHEN Jinming, Materials development for ITER shielding and test blanket in China

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