



# Technical Meeting on Long-Pulse Operation of Fusion Devices

## Monday, 14 November 2022

### PWI session - Board Room A (16:00 - 17:15)

-Conveners: Sebastijan Brezinsek

time	[id] title	presenter
16:00	[1] Control of fuel particle recycling using the hot wall on all-metal plasma facing wall in QUEST	HANADA, Kazuaki
16:25	[21] Steady state control of fuel recycling for long pulse discharges in EAST tokamak with full metal first wall	Dr YU, Yaowei
16:50	[17] Development of advanced vacuum and wall conditioning technologies for extending plasma pulse duration for EAST	Mr ZUO, Guizhong

## Wednesday, 16 November 2022

### PWI session - Board Room A (09:00 - 10:15)

-Conveners: Kazuaki HANADA

time	[id] title	presenter
09:00	[26] Implications of net erosion and redeposition of solid-surface plasma facing material in long-pulse fusion devices	UNTERBERG, Ezekial
09:25	[20] Preparation of long pulse divertor operation at Wendelstein 7-X	JAKUBOWSKI, Marcin
09:50	[5] Divertor pumping for steady state operation in LHD experiments	Dr MOTOJIMA, Gen

### PWI session - Board Room A (10:45 - 11:45)

-Conveners: Sebastijan Brezinsek

time	[id] title	presenter
10:45	[2] Direct measurement of dynamic retention from plasma exposed stainless steel type 316L specimen using Fast Ejecting System of Targeted Sample (FESTA) on QUEST	Mr YUE, QILIN
11:00	[18] The coupling effects of divertor configuration and drift on detachment in EAST new lower tungsten divertor for long-pulse operation	SI, Hang
11:15	[29] Effect of separatrix density on ELM instability in long-pulse H-mode plasmas on EAST	WANG, Yifeng
11:30	[22] Evolution of the W crystalline structure under He irradiation: surfacic evolution and bubble formation experimental characterization	BERNARD, Elodie