13th Technical Meeting on Plasma Control Systems, Data Management and Remote Experiments in Fusion Research

Wednesday, 7 July 2021

Data Acquisition and signal processing 1 (15:20 - 16:30)

-Conveners: Hideya Nakanishi

time	[id] title	presenter
15:20	[36] Fast optimization of the central electron and ion temperature on ASDEX Upgrade based on Iterative Learning Control	Dr KUDLACEK, Ondrej
15:30	[6] Upgrade of EAST Data Acquisition System	CHEN, Ying
15:40	[7] Design of diagnosis integrated management and control system and application of artificial intelligence technology in laser experiment	Mr WANG, Feng
15:50	[15] Implementation of the Nominal Device Support in ITER CODAC Core System	Prof. RUIZ, Mariano
16:00	[16] Acceleration of an algorithm based on the maximum likelihood bolometric tomography for the determination of uncertainties in the radiation emission on JET using heterogeneous platforms	RUIZ, Mariano
16:10	[20] Correlation based method for sorting and filtering relevant features for unsupervised machine learning	Dr HERNANDEZ-DEL-OLMO, Felix
16:20	[30] Using MQtt as Heterogeneous Distributed Messages Infrastructure at WEST CODAC	Mr CAULIER, GILLES Mr DUONG , Minh Nghĩa Mr LÊ, Phuoc Khánh Mr MENARD, Paul