



# 14th Technical Meeting on Control Systems, Data Acquisition, Data Management and Remote Participation in Fusion Research

## Monday, 15 July 2024

### Plasma Control and Simulation (10:00 - 11:50)

-Conveners: Binjia Xiao; Wanderley Pires de Sá

time	[id] title	presenter
10:00	[124] Scalable Real-time Framework Enabling Machine Learning Based Plasma Control	ERICKSON, Keith
10:30	[87] Design of Data Management for New Plasma Control System	ZHU, Jianqiu
10:50	[80] The design and implementation of a new plasma control system	YUAN, Qiping
11:10	[93] The new progress of detachment feedback control by N2 seeding under H-mode long-pulse plasma on EAST	WU, Kai
11:30	[127] JET Plasma Control System Upgrade using MARTe2	STEPHEN, Adam

### Plasma Control and Simulation (13:20 - 14:40)

-Conveners: Binjia Xiao; Wanderley Pires de Sá

time	[id] title	presenter
13:20	[86] Model-based vertical position control design and optimization for CFETR tokamak	WANG, Yuehang
13:40	[106] The new CODAS implementation for the TCABR tokamak upgrade	PIRES DE SÁ, Wanderley
14:00	[139] Learning-based methods applied to real-time control using the integrated MARTe2/MDSplus framework.	Mr LEE, Yehoon
14:20	[140] Why dynamic measurements are crucial for time-dependent modelling and control?	VAN BERKEL, Matthijs