

8th DEMO workshop

Tuesday, 30 August 2022

Tuesday, 30 August 2022: Topic 1: Transient operational phases and transient loading environments for fusion DEMO power plants - M2 (10:25 - 16:50)

time	[id] title	presenter
10:25	[117] Chairs introduction	AIBA, Nobuyuki
10:35	[109] Plasma transient challenges (disruptions, detachment loss, equilibrium) and resulting requirements for the machine design of a DEMO tokamak reactor	MAVIGLIA, Francesco
11:20	Coffee Break	
11:35	[110] Development of plasma control for the transient phases of a DEMO tokamak discharge	FABLE, Emiliano
12:20	[111] Strategies for gradual increase of flat-top plasma performance towards the operational point according to the ITER operational plan	TREUTTERER, Wolfgang
13:05	Lunch Break	
14:05	[112] Solutions for the transients and load variations of the CFETR operation scenarios	ZHUANG, Ge
14:50	[113] Current status of helical fusion reactor design and study on operation control scenario	GOTO, Takuya
15:35	Coffee Break	
15:50	[114] Discussion on Topic 1	MAVIGLIA, Francesco

Tuesday, 30 August 2022: Special topic 2 - M2 (16:50 - 17:35)

time	[id] title	presenter
16:50	[115] Special topic 2: Overview of broader approach phase II programme	CLEMENT LORENZO, Susana