

Technical Meeting on Plasma Physics and Technology Aspects of the Tritium Fuel Cycle for Fusion Energy

Thursday, 13 October 2022

Tritium Behaviors and DEMO Fuel Cycle - Board Room C (C building, 4th floor) (09:00 - 10:25)

-Conveners: Charles Kessel

time	[id] title	presenter
09:00	[35] Introduction	KESSEL, Charles
09:15	[6] EU-DEMO Fuel Cycle Operation Modelling and Design	SCHWENZER, Jonas
09:50	[37] Tritium migration predictions and pathways in the fusion core	HUMRICKHOUSE, Paul

Tritium Behaviors and DEMO Fuel Cycle - Board Room C (C building, 4th floor) (10:40 - 11:50)

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time	[id] title	presenter
10:40	[9] Tritium migration pathway and role of the coolant purification system	SANTUCCI, Alessia
11:15	[29] Tritium in chamber materials, trapping and release (plasma chamber in DEMO, irradiation damage and tritium trapping)	HATANO, Yuji

Tritium Behaviors and DEMO Fuel Cycle - Board Room C (C building, 4th floor) (13:05 - 14:15)

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time	[id] title	presenter
13:05	[3] Techniques of tritium decontamination on plasma-facing walls in DEMO	ASHIKAWA, Naoko
13:40	[20] Experience with tritium retention and removal in JET-DTE2	Dr DOUAI, David