

Session Program

13–18 Oct 2025

30th IAEA Fusion Energy Conference (IAEA FEC 2025)

Exhaust

Wednesday 15 October

14:00

15:40

Exhaust

Session | Location: Chengdu, China | Convener: Fulvio Militello

14:00–14:20	The physics basis for implementing Alternative Divertor Configurations on reactors Speaker Prof. Kevin Verhaegh
14:20–14:40	DivControlINN: A Game-Changer for Real-Time Divertor Plasma Detachment Control in Magnetic Fusion Devices Speaker Ben Zhu
14:40–15:00	Validated, global edge-SOL turbulence simulations in various ELM-free regimes Speaker Dr Wladimir Zholobenko
15:00–15:20	Hierarchy of turbulent transport models with the SOLEDGE3X code Speaker Hugo Bufferand
15:20–15:40	DIRECT COMPARISON OF GYROKINETIC AND FLUID SCRAPE-OFF LAYER SIMULATIONS Speaker Akash Shukla