



# 4th Technical Meeting on Divertor Concepts

## Wednesday, 9 November 2022

### Modelling - Board Room A (11:40 - 12:35)

-Conveners: Bruce Lipschultz

time	[id] title	presenter
11:40	[124] Model advancements in mean-field plasma edge codes to enable computationally achievable simulations of the ITER and DEMO reactors	Prof. BAELMANS, Martine
12:10	[114] Self-consistent integration of plasma transport and divertor physics in the SOLEDGE3X-EIRENE code: status, results and prospects	TAMAIN, Patrick

### Modelling - Board Room A (14:00 - 16:00)

-Conveners: Bruce Lipschultz

time	[id] title	presenter
14:00	[102] Parametric scaling of power exhaust in EU-DEMO SOLPS-ITER simulations	JÄRVINEN, Aaro
14:20	[128] Detachment Control Considerations for Divertor Design	COWLEY, cyd
14:40	[142] Impact of divertor geometry on separatrix density in JET H-mode plasmas and derivation of a scaling law as a function of engineering parameters	CIRAULO, Guido
15:00	[143] SOLPS-ITER simulations of an X-point radiator in the single-null and snowflake divertor configurations in ASDEX Upgrade and EU-DEMO	PAN, Ou
15:20	[138] Progress towards robust divertor and exhaust scenario optimization with SOLPS-ITER	DEKEYSER, Wouter
15:40	[126] EIRENE modelling with improved CRMs for spectroscopic RT detachment control in EU-DEMO	Dr BORODIN, Dmitriy V.