Session Program

13-18 Oct 2025

30th IAEA Fusion Energy Conference (IAEA FEC 2025)

Tungsten

Friday 17 October

16:10	Tungsten Session Location: Chengdu, China Convener: Marco Wischmeier
	16:10-16:30 Theory-based integrated modelling of tungsten transport: validation in present-day tokamaks and predictions for ITER
	Speaker Daniel Fajardo
	16:30-16:50 TESTING TUNGSTEN PLASMA FACING COMPONENTS IN WEST AND AUG TOKAMAKS : LESSONS FOR ITER Speaker
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	16:50-17:10 NUMERICAL MODELING AND EXPERIMENTAL ASSESSMENT OF RF SHEATH GENERATION DUE TO FAR-FIELD RF ELECTRIC FIELD Speaker Seung Gyou Baek
	17:10-17:30 Simulation of tungsten erosion and edge-to-core transport in neon-seeded JET plasmas Speaker Henri Kumpulainen
	17:30-17:50 Tungsten limiter Start-up experiments in different boronization states in support of ITER Speaker Jörg Hobirk
	17:50-18:10 DEVELOPING LONG PULSE HYBRID SCENARIO IN DIII-D AND KSTAR FOR W-COMPATIBLE STEADY- STATE OPERATION TOWARD ITER Speaker Dr SangKyeun Kim

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