OpenMC Application to Tokamak Neutronics Analysis Meeting

Thursday, May 29, 2025

US Experiences - Rooms 1404-1407 (8:00 AM - 12:00 PM)

time	[id] title	presenter
8:00 AM	[19] OpenMC conversion and analysis of JET	ROMANO, Paul
8:25 AM	[20] Adaptation of OpenMC for atomic transport and plasma interaction	WILKIE, George
8:50 AM	[21] Fusion Multiphysics and Tally Adaptive Mesh Refinement using OpenMC	NOVAK, April
9:15 AM	[22] Towards Rigorous Validation of Particle Transport in CAD Geometries	SEGANTIN, Stefano
9:40 AM	Break	
9:55 AM	[23] Transmutation of Long-Lived Fission Products in Fusion Reactors	LU, Cihang
10:20 AM	[24] Fusion Neutronics Development and Analysis Activities for Fusion REactor Design and Assessment	BAE, Jin Whan
10:45 AM	[25] Fusion Neutronics and Multi-physics Activities at the University of Tennessee	MALDONADO, Ivan
11:10 AM	[26] Discussion	

US Experiences - Rooms 1404-1407 (1:15 PM - 5:00 PM)

time	[id] title	presenter
1:15 PM	[28] Group Photo	
1:25 PM	[27] An Overview of Neutronics Efforts at Thea Energy	PASMANN, Sam
1:50 PM	[29] Neutronics-Informed Blanket Evaluation, Selection and Optimization for a Stellarator Fusion Pilot Plant	GOH, Bonita
2:15 PM	[30] Neutronics optimization with nuclear data uncertainty	MIRALLES DOLZ, Enrique
2:40 PM	Break	
2:55 PM	[31] OpenMC Simulations in Support of Realta Fusion's Magnetic Mirror Development	EICKMAN, Joey
3:20 PM	[32] TBD	