

Workshop for Applied Nuclear Data Activities (WANDA) 2025

Tuesday, 11 February 2025

Session IV: Challenges in the Deployment of HALEU and Novel Moderators for Advanced Reactors (13:30 - 17:30)

-Conveners: Cutler, Theresa; Javier Ortensi

time	[id] title	presenter
13:30	[52] Introduction	ORTENSI, Javier CUTLER, Theresa

Session IV: Customer Perspective (13:40 - 14:50)

time	[id] title	presenter
13:40	[53] HALEU Transportation and Fuel Cycle Licensing and the DNCSH Project	BARTO, Andrew ALGAMA, Don
14:00	[39] Bridging gaps in Nuclear data needs for optimized deployment of KP-FHR reactors.	CAMPBELL, Chris SATVAT, Nader
14:20	[40] Westinghouse Nuclear Data Needs for Advanced Reactor Products	MEANS, Keith
14:40	Break	

Session IV: Fuel Procurement and Experiment Needs (14:50 - 15:45)

time	[id] title	presenter
14:50	[43] Nuclear Criticality Safety Program Support for HALEU and Other DOE Programs	BOWEN, Douglas
15:05	[44] The DEIMOS Testbed for HALEU Reactor Demonstrations and HALEU Fuel Procurement	THOMPSON, Nicholas
15:20	[45] Applied Nuclear Data Supporting HALEU Fuel Transport: DNCSH Critical Benchmark Experiments at SPRF/CX	PULIO, Ramon
15:35	Break	

Session IV: Thermal Scattering Law Updates (15:45 - 16:25)

time	[id] title	presenter
15:45	[46] Bridging Thermal Scattering Law Data Gaps for Novel Moderators in Advanced Reactors	AL-QASIR, Iyad
16:00	[47] Update on ENDF/B-VIII.1 TSLs for Moderator and Fuel Materials	ZERKLE, Michael
16:15	Break	

Session IV: Safeguards (16:25 - 16:55)

time	[id] title	presenter
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16:25	[48] Data Needs for Nuclear Material Accounting and Safeguards in the HALEU Fuel Cycle	CROCE, Mark
16:40	[49] Multi-Physics Code Prediction of Nuclear Material Quantities for Advanced Reactor Safeguards	HOGUE, Karen

Session IV: Discussion (16:55 - 17:30)

-Conveners: Javier Ortensi; Theresa Cutler