

**NUCLEAR ENERGY AGENCY
MANAGEMENT BOARD FOR THE DEVELOPMENT, APPLICATION AND VALIDATION OF
NUCLEAR DATA AND CODES**

JEFF Nuclear Data Week, 22-26 April 2024

Draft Agenda

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Monday, 22

Coffee				09:00	00:30
EFFDOC	Fusion		Welcome and Intro from the Chair	09:30	00:05
	Dieter	LEICHTLE	Adoption of Agenda, Review of Minutes and Actions	09:35	00:10
	Axel	KLIX	TBD	09:45	00:30
	Henrik	SJOSTRAND	Progress on Fe 56 evaluation	10:15	00:30
	Vlad	AVRIGEANU	Progress Report on neutron-induced alpha-emission analysis	10:45	00:30
	Marilena	AVRIGEANU	Progress report on deuteron-induced reaction analysis	11:15	00:30
Lunch				11:45	01:30
	Alexander	KONOBEEV	Neutron NRT- and arc-dpa- displacement cross-sections for JEFF-4	13:15	00:30
	Helmut	LEEB	R-matrix based evaluation of the Be10 system: status and developments	13:45	00:30
	Davide	FLAMMINI	Preliminary study for a conceptual layout of a concrete shielding experiment	14:15	00:30
	Alberto	BITTESNICH	Testing of JEFF 4.0 T ₃ for fusion applications by JADE	14:45	00:30
	Ivan Alexander	KODELI	S/U analysis of KFK iron sphere neutron and gamma benchmark	15:15	00:30
Coffee				15:45	00:30
	Dieter	LEICHTLE	EUROFusion	16:15	01:00
The End				17:15	

Tuesday, 23

Tuesday, 23					
JEFDOC	Experiments		Welcome and Intro from the Chair	09:00	00:05
	Nicolas	LINDEN	Nuclear data needs for molten chloride fast reactor design	09:05	00:20
	Thomas	LIGONNET	Advances in the analysis of the PETALE program	09:25	00:20
	Daniil	KOLIADKO	Status of the cross section measurements: ${}^7\text{Li}(d,x){}^3\text{H}/{}^7\text{Be}$ for High Priority Request List	09:45	00:20
	Martin	ANSORGE	Status of radiation-induced material damage development at NPI	10:05	00:20
Coffee				10:25	00:30
JEFDOC	TSL		Welcome and Intro from the Chair	10:55	00:05
	Ingrid	SVAJGER	Thermal Scattering Law Data of Zirconium Hydride	11:00	00:20
	Jose Ignacio	MARQUEZ DAMIAN	ENDF TSL generation from NCrystal: preliminary results	11:20	00:20
	Haelee	HYUN	Research Status of the Thermal Neutron Scattering Libraries for H ₂ O, D ₂ O	11:40	00:20
	Gilles	NOGUERE	UO ₂ measurements with the VESUVIO detector at ISIS from room to 1700 K	12:00	00:20
Lunch				12:20	01:00
JEFDOC	Processing ang ML		Welcome and Intro from the Chair	13:50	00:05
	Oscar	CABELLOS DE FRANCISCO	Feedbacks on Processing and Benchmarking for JEFF4-T ₃	13:55	00:20
	Risa	KUNITOMO	Exploring TensorFlow for EXFOR database Evaluation	14:15	00:20
JEFDOC	Depletion		Welcome and Intro from the Chair	14:35	00:05
	David	BERNARD	Reactivity loss and isotopic concentrations vs BU by using JEFF-4T ₃ and beyond	14:40	00:10
	Vanessa	VALLET	Impact of JEFF4 test libraries on Post-Irradiated Experiments	14:50	00:20
	Raphaelle	ICHOU	JEFF-4T ₃ and JEFF-4T _{3.0} burnup benchmarking	15:10	00:20
	Fausto	MALVAGI	Library comparaisons for a pincell model	15:30	00:20
Coffee				15:50	00:30
JEFDOC	Theory		Welcome and Intro from the Chair	16:20	00:05

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2215	Damien	BLONDEAU-PATISSIER	Reinvestigation of the FRLDM: macroscopic and microscopic aspects (with Clémentine Azam)	16:25	00:20
2216	Dimitri	ROCHMAN	What can expect from microscopic calculations on k_{eff} ?	16:45	00:20
2217	Toshihiko	KAWANO	Realistic fission transmission coefficients in the statistical Hauser-Feshbach theory	17:05	00:20
2218	Karl-Heinz	SCHMIDT	Modeling complex features in the fission of light actinides with GEF	17:25	00:20
The End				17:45	

Wednesday, 24

JEFDOC	Decay Data		Welcome and Intro from the Chair	09:00	00:05
2222	Xavier	MOUGEOT	Current status of decay data for JEFF 4	09:05	00:20
2223	Alejandro	ALGORA	Beta shape studies for reactor applications	09:25	00:20
Coffee				09:45	00:30
JEFDOC	Radioprotection		Welcome and Intro from the Chair	10:15	00:05
2225	Elisa	PIROVANO	Prospects for the $^{12}\text{C}(n, cp)$ double-differential cross section measurement at high energies at n_TOF	10:20	00:20
2226	Jean-Christophe	DAVID	What can spallation models offer between 20 and 200 MeV?	10:40	00:20
2227	Michael	PETIT	Radioprotection and medical applications: EURADOS benchmark for testing nuclear models	11:00	00:20
2228	Andreas	ZIMBAL	CCRI activities for fast and high energy neutron metrology	11:20	00:20
Lunch				11:40	01:30
JEFDOC	ND Uncertainties		Welcome and Intro from the Chair	13:10	00:05
2229	Jan	MALEC	Sensitivity/Uncertainty Core Analysis Using Stochastic Sampling	13:15	00:20
2230	Luca	FIORITO	Nuclear data uncertainty quantification for the GU3 burnup sample	13:35	00:20
2231	Arnau	ALBA JACAS	Uncertainty Quantification of Spent Fuel with Multifidelity Monte Carlo	13:55	00:20
JEFDOC	Evaluations		Welcome and Intro from the Chair	14:15	00:05
2232	Greg	BAILEY	Towards an Extended Evaluation of C12	14:20	00:20
2233	Roberto	CAPOTE	Update of INDEN evaluation of structural materials	14:40	00:20
Coffee				15:00	00:30
2235	Shin	OKUMURA	Developments of Dataexplorer for Nuclear Reaction Data in EXFOR and ENDF Formats	15:30	00:20
2236	Jean-Christophe	SUBLET	TBD	15:50	00:20
2237	Gilles	NOGUERE	Actinides and fission products evaluations	16:10	00:20

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2238	Henrik	SJOSTRAND	Progress on Fe 56 evaluation	16:30	00:20
2239	Dimitri	ROCHMAN	Adjustment of U & Pu isotopes for the JEFF4T3 library	16:50	00:20
The End				17:10	

Thursday, 25

JEFDOC	Benchmarking		Welcome and Intro from the Chair	09:00	00:05
	Andrew	HOLCOMB	ICSBEPE Serpent Repository	09:05	00:20
	Antonio	JIMENEZ CARRASCOSA	TBD	09:25	00:20
	Oliver	BUSS	SINBAD - Shielding Integral Benchmark Archive and Database	09:45	00:20
	Raphaelle	ICHOU	Benchmarking of JEFF4T3.0 using MORET6	10:05	00:20
Coffee				10:25	00:30
	Tim	WARE	JEFF-4T3 processing and benchmarking feedback (TBC)	10:50	00:20
	Fausto	MALVAGI	Library comparisons for natural elements	11:10	00:20
	Julia Dorottya	BARTOS	First benchmarking results for JEFF-4t3	11:30	
	Patrick	CARTERCORTEZ	Comparing JEFF-4T3 & ENDF/B-VIII.3 applied to molten salt experiment design in the JHR	11:50	00:20
Lunch				12:10	01:00
	Nuria	GARCIAHERRANZ	Benchmarking of JEFF4T3 for fast reactor systems	13:30	00:20
	Cedric	JOUANNE	Feedback on Processing and Benchmarking for JEFF4-T3	13:50	00:20
	Tim	GAINES	Fast critical assembly benchmarking at AWE	14:10	
	Andrej	TRKOV	On the Impact of the Fission Product Yield Data on PWR characteristics with Burnup	14:30	00:20
Coffee				14:50	00:30
JEFDOC	JEFF-4 Status		Welcome and Intro from the Chair	15:15	00:05
	Alexey	STANKOVSKIY	Proposals for JEFF-4 proton library	15:20	00:20
	Daniela	FOLIGNO	JEFF-4T3: Feedbacks and future plans	15:40	00:20
	Daniela	FOLIGNO	JEFF Resources	16:00	00:10
	Arjan	PLOMPEN	Status of JEFF4 + Discussion	16:10	00:20
The End				18:00	

