Nuclear Energy Agency

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

The Joint Evaluated Fission and Fusion (JEFF) Nuclear Data Library Co-ordination Group

JEFF Nuclear Data Week, 14-18 April 2025

Draft Agenda

Hybrid Meetings
NEA Headquarters, Boulogne-Billancourt and via Zoom

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Monday, 14					
EFFDOC	**Fusion**		**Welcome from the Chair and adoption of Agenda**	**13:00**	**00:05**
	Dieter	LEICHTLE	Review of Minutes and Actions	13:05	00:05
1562	Marilena	AVRIGEANU	Progress report on deuteron-induced activation analysis	13:10	00:25
1563	Vlad	AVRIGEANU	Progress report on alpha-particle emission and related optical model potential	13:35	00:25
1564	Diego	TARRÍO	Status of gas production experiments at GANIL-NFS	14:00	00:25
1565	Davide	FLAMMINI	Pre-analysis of concrete shielding benchmark experiment at FNG	14:25	00:25
Coffee				**14:50**	**00:30**
1566	Axel	KLIX	To be confirmed	15:20	00:25
1567	Philippe	FILLIATRE	Review of sensor types for blanket-scope nuclear instrumentation within a Diagnostic Cassette	15:45	00:25
1568	Ion	STAMATELATOS	Pre-analysis of VERDI measurements at the ENEA-FNG concrete shielding benchmark experiment	16:10	00:25
1569	Henrik	SJÖSTRAND	Evaluation of W-184 using the Nuclear data Evaluation Pipeline of Uppsala (NEPU)	16:35	00:25
	Dieter	LEICHTLE	Closing	17:00	00:10
The End				17:10	

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Tuesday, 15					
JEFDOC	**Experiments**		**Welcome and Intro from the Chair**	**09:00**	**00:05**
2407	Greg	HENNING	Overview of ^182,183,184 and 184^ W (n, n' gamma) and (n, 2n gamma) cross section measurements	09:05	00:25
JEFDOC	**Depletion**		**Welcome and Intro from the Chair**	**09:30**	**00:05**
2408	Pablo	ROMOJARO	JEFF-4T5 performance for Spent Fuel Characterization	09:35	00:25
2409	Raphaelle	ICHOU	JEFF4T5 testing using VESTA 2.2 depletion calculations	10:00	00:25
			Coffee	**10:25**	**00:30**
JEFDOC	**Evaluations**		**Welcome and Intro from the Chair**	**10:55**	**00:05**
2410	Gilles	NOGUERE	Review of the latest corrections for JEFF4	11:00	00:25
2411	Arjan	KONING	Feedback on JEFF-4T5 with emphasis on the TENDL files	11:25	00:25
2412	Roberto	CAPOTE	INDEN evaluations of structural materials for JEFF-4	11:50	00:25
			Lunch	**12:15**	**01:15**
2413	Oscar	CABELLOS DE FRANCISCO	Review on compensating effects in keff: the importance of the sensitivities to the secondary energy distributions of the inelastic scattering	13:30	00:25
JEFDOC	**NEA activities**		**Welcome and Intro from the Chair**	**13:55**	**00:05**
2414	Shane	HART	Updates on NEA processing pipeline	14:00	00:25
2415	Julia	SPRENGER	To be confirmed	14:25	00:25
			The End	14:50	

Wednesday, 16					
JEFDOC	**Fission Observables**		**Welcome and Intro from the Chair**	**09:00**	**00:05**
2416	Gregoire	KESSEDJIAN	Intercomparison of fission yields for the 4 major fissionning systems	09:05	00:25
JEFDOC	**Thermal Scattering Law**		**Welcome and Intro from the Chair**	**09:30**	**00:05**
2417	Vaibhav	JAISWAL	Benchmarking TSLs	09:35	00:25
2418	Jose Ignacio	MARQUEZ DAMIAN	TSL files for JEFF-4 from the NJOY+NCrystal library	10:00	00:25
			Coffee	**10:25**	**00:30**
2419	Aitor	BENGOECHEA FERNANDEZ	Analytical description of the neutron up-scattering in the resonance range for CLM	10:55	00:25
2420	Gilles	NOGUERE	Review of the TSL evaluations for JEFF4	11:20	00:25
			Lunch	**11:45**	**01:15**
JEFDOC	**Benchmarking**		**Welcome and Intro from the Chair**	**13:00**	**00:05**
2421	Oscar	CABELLOS DE FRANCISCO	Feedbacks on Processing and Benchmarking for JEFF4-T5	13:05	00:25
2422	Daan	HOUBEN	To be confirmed	13:30	00:25
2423	Do Heon	KIM	To be confirmed	13:55	00:25
2424	Cedric	JOUANNE	JEFF4T5 benchmarking using TRIPOLI-4	14:20	00:25
			Coffee	**14:45**	**00:30**
2425	Mathieu	HURSIN	Assessment of JEFF-4T5 library for reactor applications	15:15	00:25
2426	Steven	VANDERMARCK	JEFF-4t5 benchmarking results	15:40	00:25
2427	Benjamin	DECHENAUX	Design of heterogeneous core configurations in the modified STACY facility	16:05	00:25
			The End	16:30	
			Cocktail	18:00	

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Thursday, 17					
JEFDOC	**Benchmarking**		**Welcome from the Chair**	**09:00**	**00:05**
2428	Romain	VUIART	Benchmarking of JEFF-4T5 and other nuclear data libraries with MORET6	09:05	00:25
2429	Tim	WARE	JEFF-4T5 Processing and Benchmarking Feedback	09:30	00:25
2430	Tim	GAINES	JEFF-4T5 processing and fast benchmarking	09:55	00:25
Coffee				**10:20**	**00:30**
2431	Bohumil	JANSKY	JEFF-4T5 library test. Iron, Nickel, Chlorine spheres and Aluminum, Copper, Fluorine cubes	10:50	00:25
2432	Alexey	STANKOVSKIY	Overview of recent SCK CEN validation activities - updates with JEFF4T5	11:15	00:25
2433	Nuria	GARCIA HERRANZ	Evaluating JEFF4T5 for the Modelling and Simulation of Liquid Metal Fast Reactors	11:40	00:25
2434	Jessica	HOLLIS	FNS decay heat benchmarking - JEFF4T5	12:05	00:25
Lunch				**12:30**	**01:15**
JEFDOC	**Feedback from Industry**		**Welcome and Intro from the Chair**	13:45	**00:05**
2435	Paul	BRYCE	WIMS/PANTHER benchmarking with JEFF, up to 4T4	13:50	00:25
2436	Bor	KOS	Benchmarking JEFF-4 Gamma Production Libraries for Well Logging	14:15	00:25
2437	Nicolas	SLOSSE	Preliminary validation results with JEFF 4T5 on the Belgian PWR fleet	14:40	00:25
2438	Simon	RAVAUX	Test of JEFF4-T5 on core calculations	15:05	00:25
Coffee				**15:30**	**00:30**
JEFDOC	**JEFF-4 Status**		**Welcome and Intro from the Chair**	**16:00**	**00:05**
2439	Arjan	PLOMPEN	Status of JEFF-4.0 - general discussion	16:05	01:30
The End				17:35	