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

Cancels & replaces the same document of 4 November 2025

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

JEFF Nuclear Data Week, 17-21 November 2025

Agenda

Hybrid meeting
NEA Headquarters, Boulogne-Billancourt and via Zoom

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Monday, 17					
EFFDOC	Fusion		Welcome from the Chair and adoption of agenda (Dieter LEICHTLE)	8:30	0:05
	Dieter	LEICHTLE	Review of Minutes and Actions	8:35	0:05
1571	Vlad	AVRIGEANU	Progress Report on neutron induced alpha-particle emission analysis	8:40	0:25
1570	Marilena	AVRIGEANU	Progress report on deuteron-induced reaction analysis on A~90 mass range and related isomeric ratio	9:05	0:25
1572	Helmut	LEEB	R-matrix based evaluation of neutron-induced reactions of Be-9	9:30	0:25
Coffee break				9:55	0:25
1573	Davide	FLAMMINI	Updates on Concrete shielding experiment	10:20	0:25
1574	Axel	KLIX	Preparation of the measurement of fast neutron and gamma spectra with a NE-213 spectrometer in the concrete shielding mockup experiment	10:45	0:25
1575	Ion E.	STAMATELATOS	Preparation of VERDI detectors for the ENEA-FNG concrete benchmark experiment	11:10	0:25
1576	Alexander	KONOBEEV	Arc-dpa and NRT displacement cross-sections for neutron irradiation using JEFF-4.0, ENDF/B-VIII.1, a	11:35	0:20
Lunch				11:55	1:00
1577	Alexander	KONOBEEV	Proton activation data library PADF-2	12:55	0:20
1578	Diego	TARRIO	Experimental studies on light-ion emission in neutron-induced reactions	13:15	0:25
1579	Ivan Alexander	KODELI	Benchmark analysis for verification of cross sections and covariance matrices	13:40	0:25
1580	Klemen	AMBROZIC	Propagation of technological uncertainties to experimental data	14:05	0:25
1581	Martin	ANSORGE	Status of neutron radiation material damage experiments at cryogenic temperatures	14:30	0:15
1582	Erik	ANDERSSON SUNDEN	Evaluation of W-184 using the NEPU pipeline	14:45	0:15
End of the day				15:00	

Tuesday, 18					
JEFDOC	Experiments		Welcome from the Chair and adoption of agenda (Maëlle KERVENO)	9:00	0:05
2441	Maëlle	KERVENO	APRENDE Experimentalists-Evaluators workshop	9:05	0:10
2442	Nikolas	PATRONIS	n_TOF at CERN: Precision for the Future	9:15	0:25
2443	Carlos	PARADELA-DOBARRO	Overview of the experimental program at the JRC Gelina Facility	9:40	0:25
2444	Audrey	CHATILLON	Even Plutonium fission cross section measurements, the EPIC programme	10:05	0:25
Coffee Break				10:30	0:30
2445	David	BERNARD	News from OECD/NEA/HPRL Expert Group.	11:00	0:10
2446	Federico	GRIMALDI	Measurement of ^{232}Th and $^{238}\text{U} / ^{235}\text{U}$ spectral indices from the VALUE campaign at VENUS-F	11:10	0:20
2447	Georgios	GKATIS	High-resolution scattering cross section measurements of Na-23 and Al-27 at GELINA	11:30	0:20
2448	Anna	KARAKAXI	Transmission measurements on natCu at GELINA	11:50	0:20
2449	Nicholas	TERRANOVA	Ongoing investigations and experimental activities on $^{63,65}\text{Cu}$ neutron cross sections.	12:10	0:20
Lunch				12:30	1:00
2450	Federico	DI CROCE	Reactivity Worth Measurements of Fissile Samples in the VENUS-F Fast Reactor via Pile Oscillator	13:30	0:20
2451	Mariya	BROVCHENKO	New heterogeneous experiments in STACY facility with high sensitivity to water TSL	13:50	0:20
2452	Kemal	RAMIC	Thermal neutron transmission measurements capability at ONRL SNS	14:10	0:20
JEFDOC	Fission Observables		Welcome from the Chair and adoption of agenda (Olivier SEROT)	14:30	0:05
2455	Benoit	MAUSS	PFNS and neutron multiplicities of $^{238}\text{U}(n,f)$ and $^{240}\text{Pu}(sf)$	14:35	0:20
2453	Olivier	SEROT	Energy Spectrum of the Scission Neutrons and their Contribution to the PFNS	14:55	0:20
2454	Pierre	MORFOUACE	Measurement of fission-fragment yields as a function of excitation energy	15:15	0:20
Coffee Break				15:35	0:30
2456	Christophe	SAGE	Characterization of a Time of Flight line for the study of symmetric fission at ILL	16:05	0:20
2458	Alessandro	REGONESI	Mass yield evaluation: From thermal neutron to fast neutron induced fission	16:25	0:20
2457	Gregoire	KESSEDJIAN	Future programme on FY evaluation	16:45	0:20
End of the day				17:05	

Wednesday, 19					
JEFDOC	Theory and Models		Welcome and Intro from the Chair	9:00	0:05
2459	Alessandro	PASTORE	Error analysis of the FRLDM95 model	9:05	0:20
2460	Karl-Heinz	SCHMIDT	Update of the GEF model (completeness, consistency and accuracy)	9:25	0:20
2461	Daan	Houben	Machine learning to fit nuclear data of Cr-53 using microscopic and integral measurements	9:45	0:20
JEFDOC	ND Uncertainties		Welcome and Intro from the Chair (Antonio JIMENEZ-CARRASCOSA, interim)	10:05	0:05
2462	Juan Antonio	MONLEON DE LA LLUVIA	Impact of Elastic Scattering Angular Distribution Covariances on Fast Neutron Fluence; 56Fe-case	10:10	0:20
2463	Lydie	GIOT	Decay heat fission pulses calculations with the new JEFF-4 library	10:30	0:20
Coffee break				10:50	0:30
JEFDOC	Thermal Scattering Law		Welcome and Intro from the Chair (Jose Ignacio MÁRQUEZ DAMIÁN)	11:20	0:05
2464	Ingrid	SVAJGER	Zirconium Hydride Thermal Scattering Law	11:25	0:20
2465	Aitor	BENGOECHEA FERNANDEZ	The TARA project	11:45	0:20
2466	Kemal	RAMIC	Machine learned potentials for temperature dependent TSLs	12:05	0:20
Lunch				12:25	1:05
JEFDOC	Processing		Welcome and Intro from the Chair (Oscar CABELLOS)	13:30	0:05
2467	Antonio	JIMENEZ-CARRASCOSA	JEFF-4.0 NEA processing pipeline products	13:35	0:20
2468	Alexey	STANKOVSKIY	Processing JEFF-4.0 into activation library	13:55	0:20
2469	Jean-Christophe	SUBLET	JEFF-4.0 processing trails: exceptions	14:15	0:20
2470	Cedric	JOUANNE	Processing of the ENDF/B-VIII.1 library in GNDS and ENDF-6 formats with GALILEE-1	14:35	0:20
JEFDOC	Decay Data		Welcome and Intro from the Chair (Mark KELLET)	14:55	0:05
2471	Gustavo Adolfo	ALCALA ESCALONA	Beta Decay Spectra Measurements for Predictions of Reactor Spectra	15:00	0:20
2472	Xavier	MOUGEOT	Current Status of Decay Data for JEFF 4	15:20	0:20
Coffee break				15:40	0:30
2473	Amanda	PORTA	Total Absorption Gamma-ray Spectroscopy (TAGS) for applied physics	16:10	0:20
2474	Valentin	PIAU	Status of the (NA) ₂ STARS project	16:30	0:20
2475	Sylvain	LEBLOND	Update on the study of beta decay spectrum at LNHB	16:50	0:20
End of the day				17:10	
Cocktail reception (Espace Terrasse)				17:30	

Thursday, 20

JEFDOC	Benchmarking	Welcome and Intro from the Chair (David BERNARD, Raphaelle ICHOU, Steven VAN DER MARCK)	9:00	0:05
2477	Antonio	JIMENEZ-CARRASCOSA NEA presentation on JEFF-4.0 benchmarking	9:05	0:20
2478	Charles	BORY NEA Shielding Integral Benchmark Archive and Database (SINBAD) - Status Update	9:25	0:20
2479	Juan Jose	GOMEZ RODRIGUEZ Reactivity induced transients with JEFF3.3 and JEFF4.0 at a zero-power reactor with Serpent	9:45	0:20
2480	Juan Jose	GOMEZ RODRIGUEZ Reactivity temperature feedback coefficient at the AKR-2 zero-power reactor	10:05	0:20
2481	Juan	GARCIA BUENO Nuclear data benchmarking with subcritical measurement in a heavy-water systems	10:25	0:20
Coffee break			10:45	0:20
2482	Luca	FIORITO JEFF-4.0 performances for SFCOMPO benchmark cases	11:05	0:20
2483	Vasilis	VLACHOUDIS JEFF-4 benchmarking with the FLUKA Monte Carlo code	11:25	0:20
2484	Jessica	HOLLIS Fusion decay heat benchmarking - JEFF-4	11:45	0:20
2485	Mariya	BROVCHENKO Benchmark selection analysis using the JEFF4 nuclear data adjustment for uranium and plutonium isotopes	12:05	0:20
2486	Ivan Alexander	KODELI Use of XSUN-2023 for shielding benchmark analysis	12:25	0:20
Lunch			12:45	1:00
2487	Steven	VAN DER MARCK Discussion of selected benchmarking topics for the JEFF-4.0 paper	13:45	0:20
2488	Nemetan	TEIXEIRA RUA PIE interpretation with the JEFF-4.0 library	14:05	0:20
2489	Raphaelle	ICHOU Feedback on JEFF-4.0	14:25	0:20
2490	Kemal	RAMIC Benchmarking of graphite TSLs with ICSBEP evaluations	14:45	0:20
2491	Gilles	NOGUERE Feedback for BUC application	15:05	0:20
Coffee break			15:25	0:30
JEFDOC	Feedback from Industry	Welcome and Intro from the Chair (Robert JACQMIN)	15:55	0:05
2492	Bor	KOS Additional Benchmark Cases for Gamma-Generating Cross Sections in Nuclear Well Logging	16:00	0:20
2493	Axel	HOEFER Nuclear data libraries in neutron activation calculations	16:20	0:20
2494	Ronan	GOODWIN Fission Event Using FISPACT-II, for JEFF-4 - U235, Pu239	16:40	0:20
JEFDOC	JEFF-4 Status	Welcome and Intro from the Chair (Arjan PLOMPEN)	17:00	0:10
2495	Arjan	PLOMPEN JEFF status and general discussion (title to be confirmed)	17:10	1:00
End of the day			18:10	