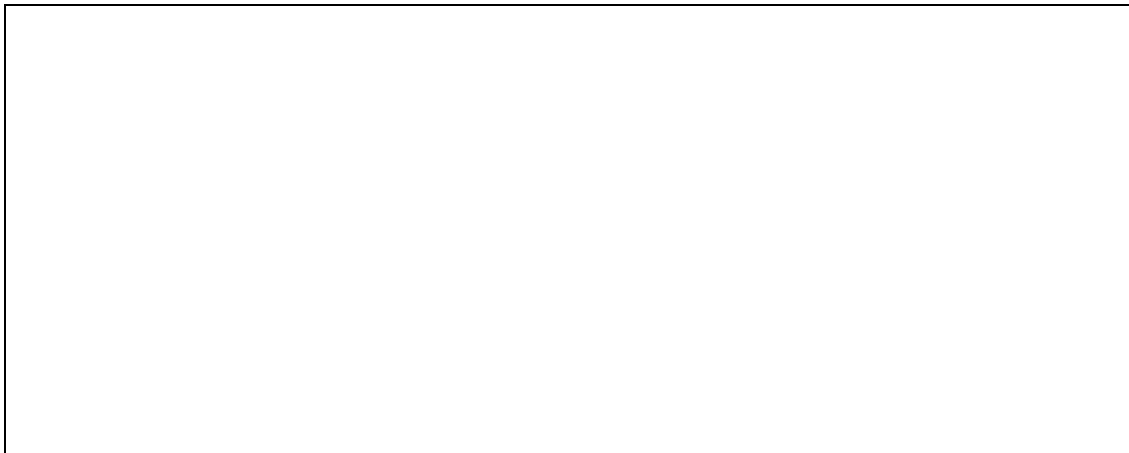


JEFF Nuclear Data Week – November 2023

Schedule and Agenda

Hybrid: Room BB3 & via Zoom



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Schedule

	Monday 27	Tuesday 28	Wednesday 29	Thursday 30	Friday 1
08:30					
08:45		Coffee	Coffee	Coffee	
09:00	Fusion	ND Uncertainties	Feedbacks industry	Fission Observables	Co-ordination Group*
09:15					
09:30					
09:45					
10:00					
10:15					
10:30	Coffee	Benchmarking	Decay Data		
10:45					
11:00					
11:15					
11:30		Lunch	Lunch		
11:45					
12:00					
12:15					
12:30					
12:45					
13:00					
13:15		Depletion	Processing		
13:30					
13:45					
14:00					
14:15					
14:30	Coffee	Coffee	Coffee		
14:45					
15:00	Experiments	Evaluation Methods	JEFF-4 Status		
15:15					
15:30					
15:45					
16:00					
16:15					
16:30	Break				
16:45					
17:00	EUROFusion				
17:15					
17:30					
17:45					
18:00					

Monday, November 27

	Time	AT	QA	Name	Surname	Title	EFFDOC	
				<i>Session 1: Fusion</i>				
1	09:00	5		Dieter	LEICHTLE	Welcome, Adoption of agenda		
2	09:05	10		Dieter	LEICHTLE	Minutes of last meeting, review of actions		
3	09:15	15	5	Vlad	AVRIGEANU	Progress Report on neutron-induced activation evaluation and alpha-emission analysis	1518	
4	09:35	15	5	Marilena	AVRIGEANU	Progress report on deuteron-induced reaction analysis	1519	
5	09:55	15	5	Greg	BAILEY	Initial evaluation of triple alpha production from C12	1520	
6	10:15	15	5	Alexander	KONOBEEV	Proton activation data files for Ca, Cr, Fe, Ni, and Cu	1521	
	10:35	20		<i>Coffee</i>				
7	10:55	15	5	Mathieu	HURSIN	Data assimilation using Serpent2 and shielding benchmarks	1522	
8	11:15	15	5	Henrik	SJOSTRAND	Integral adjustment and fine structure treatment for fusion evaluations	1523	
9	11:35	15	5	Lee	PACKER	Experimental benchmarking at JET in DTE2 with ITER materials	1524	
10	11:55	15	5	Bor	KOS	Overview of JSI's fusion nuclear data benchmarking activities	1525	
	12:15	60		<i>Lunch</i>				
11	13:15	15	5	Philippe	FILLIATRE	Feasibility of nuclear measurements in the Diagnostic Slim Cassette	1526	
12	13:35	15	5	Martin	ANSORGE	Status of radiation-induced material damage studies under the WPBB at NPI CAS	1527	
13	13:55	15	5	Davide	FLAMMINI	Report on neutronics experiments at FNG	1528	
14	14:15	10	5	Ion E.	STAMATELATOS	Measurements using VERDI detectors in the ENEA tungsten shielding benchmark experiment	1529	
15	14:30	10	5	Evzen	NOVAK	Spectra and reaction rates measurement on FNG tungsten mock-up assembly	1530	
	14:45	20		<i>Coffee</i>				
16	15:05	15	5	Haridev	CHOHAN	WPBB: Analysis of the Tungsten Shielding Benchmark	1531	
17	15:25	15	5	Helmut	LEEB	R-matrix based evaluation of neutron-induced reactions of Be9	1532	
18	15:45	10	5	Evzen	NOVAK	Validation of prompt gamma in Research Centre Rez	1533	
19	16:00	10	5	Priti	KANTH	Uncertainty in C-14 production from oxygen isotopes	1534	
20	16:15	10	5	Ivan Alexander	KODELI	TBD	1535	
	16:30	30		<i>Break</i>				
				<i>Session 2: EUROfusion</i>				
	17:00	60		All		EUROfusion WPBB (BB-S.05.02-T005/T006) Monitoring		
	18:00			<i>The End</i>				

	Time	AT	QA	Name	Surname	Title	JEFD0C
	08:45	30				Coffee	
						Session 1: Nuclear Data Uncertainties	
1	09:15	20	5	Luca	FIORITO	Nuclear data uncertainty propagation to reactivity feedbacks using conditional estimators	2257
2	09:40	20	5	Sonia	PANIZO	Impact of statistical error and sensitivity coefficient correlations on the sandwich rule	2258
3	10:05	20	5	Ivan Alexander	KODELI	SUSD3D/XSUN-2023 neutron/gamma sensitivity-uncertainty code package	2259
4	10:30	20	5	Pierre	SOLE	TBD	2260
						Session 2: Thermal Scattering Law	
1	10:55	20	5	Vaibhav	JAISWAL	Impact of TSL on the CREOLE benchmark	2262
2	11:20	20	5	Jose Ignacio	MARQUEZ DAMIAN	Open discussion on TSL formats	2263
3	11:45	20	5	Danila	ROUBTSOV	SiC for reactor applications: from MF7 to ACE	2257
	12:10	70				Lunch	
4	13:20	20	5	Ingrid	SVAJGER	Thermal Scattering Law Data of Zirconium Hydride	2264
5	13:45	20	5	Aitor	BENGOECHEA FERNANDEZ	Progress in the analytical treatment of the resonance up-scattering effects	2265
6	14:10	20	5	Kemal	RAMIC	ORNL TSL evaluations for polyethylene, polystyrene, and lucite	2266
						Session 3: Experiments	
1	14:35	20	5	Diego	TARRIO	Recent experiment on neutron-induced light-ion production in Cr and Fe at GANIL-NFS	2264
2	15:00	20	5	Georgios	GKATIS	New cross section measurements on Fe performed at GELINA	2265
	15:25	30				Coffee	
3	15:55	20	5	Thomas	LIGONNET	PETALE transmission experiments: First C/E comparison between JEFF-3.3 and INDEN with SERPENT2	2269
4	16:20	20	5	Vincent	LAMIRAND	HARVEST-X: from analysis to reproduction of PETALE	2270
5	16:45	20	5	Gilles	NOGUERE	Validation of fission products using neutron transmission experiments	2271
6	17:10	20	5	Evzen	NOVAK	Spectra and reaction rates measurement on FNG tungsten mock-up assembly	2272
7	17:35	20	5	Federico	GRIMALDI	VENUS-F: overview of the activities and experimental program	2273
	18:00					The End	

Wednesday, November 29

	Time	AT	QA	Name	Surname	Title	JEFD0C
	08:30	30				Coffee	
						Session 1: Feedbacks from Industry	
1	09:00	25	5	Nicolas	SLOSSE	Summary of validation results using WIMS/PANTHER	2274
2	09:30	25	5	Simon	RAVAUX	JEFF4-T2 impact on industrial simulations	2275
						Session 2: Benchmarking	
1	10:00	20	5	Cedric	JOUANNE	Feedbacks on Processing and Benchmarking for JEFF4-T3. Test on gamma production	2276
2	10:25	20	5	Alexey	STANKOVSKIY	Proposed BI-209 file and its impact on MYRRHA	2277
3	10:50	20	5	Victor	DEFRANCE	Important findings for the validation of nuclear data using the JEFF benchmarks suite	2278
4	11:15	20	5	Raphaelle	ICHOU	TBD	2279
5	11:40	20	5	Bohumil	JANSKY	JEFF-4T2- Iron spheres of diam. 20,30,50,100cm used for spatial and energy dependence analyse	2280
	12:05	60				Lunch	
6	13:05	20	5	Steven	VAN DER MARCK	Selected benchmark results for JEFF-4T2	2281
7	13:30	20	5	Fausto	MALVAGI	Benchmarking burnup calculations	2282
						Session 3: Depletion	
1	13:55	20	5	Raphaelle	ICHOU	TBD	2283
2	14:20	20	5	Jan	MALEC	Depletion benchmarking of test libraries on a 3x3 pin-cell model	2284
3	14:45	20	5	Vanessa	VALLET	Impact of JEFF4 test-libraries on PIE (isotopic concentrations and decay heat)	2285
4	15:10	20	5	Steven	VAN DER MARCK	The Duke IRPhE benchmark for depletion reactivity	2286
	15:35	20				Coffee	
						Session 2: Evaluation Methods	
1	15:55	20	5	Gilles	NOGUERE	Actinides Evaluations with CONRAD	2287
2	16:20	20	5	Stefan	KOPECKY	TBD	2288
3	16:45	20	5	Shin	OKUMURA	Developments of REST APIs and data retrieval interfaces for nuclear reaction experimental data	2289
4	17:10	20	5	Pascal	ROMAIN	BRC-evaluation for n+238U	2290
5	17:35	20	5	Mathieu	HURSIN	Evaluation of actinide's resonance parameters using integral and energy dependent data	2291
	18:00					The End	
	18:30					Cocktail	

	Time	AT	QA	Name	Surname	Title	JEFD0C
	08:45	30				Coffee	
						Session 1: Fission Observables	
1	09:15	20	5	Baptiste	FRAISSE	First experimental determination of the second-chance fission probability	2292
2	09:40	20	5	Mathias	SABATHE	Multi-chance fission in the FIFRELIN code : application to the $^{235}\text{U}(n,\text{xf})$ reaction	2293
3	10:05	20	5	Abdelaziz	CHEBBOUBI	New $^{235}\text{U}(n\text{th},f)$ mass yield measurement with the LOHENGRIN spectrometer	2294
4	10:30	20	5	Olivier	SEROT	Fission Yields Evaluations of ^{239}Pu Thermal Neutron Induced Fission: Proposal for JEFF-4T3	2295
5	10:55	20	5	Gregoire	KESSEDJIAN	Test and Validation of new JEFF4T3 propositions for thermal neutron induced fission yields	2296
						Session 2: Decay Data	
1	11:20	20	5	Alejandro	ALGORA	TAGS data impact in decay heat calculations	2297
2	11:45	20	5	Victor	GUADILLA GOMEZ	Beta-decay of fission fragments with total absorption gamma-ray spectroscopy at IGISOL	2298
	12:10	75				Lunch	
3	13:25	20	5	Mark A.	KELLETT	Towards a new release of the radioactive decay data sub-library (JEFF-4)	2299
4	13:50	20	5	Sylvain	LEBLOND	DDEP collaboration status	2300
5	14:15	20	5	Xavier	MOUGEOT	TBD	2301
						Session 3: Processing	
1	14:40	20	5	Gasper	ZEROVNIK	Gas production cross sections: general and Fe-56 case	2302
2	15:05	20	5	Oscar	CABELLOS	Feedbacks on Processing and Benchmarking for JEFF4-T3	2303
	15:30	30				Coffee	
						Session 2: JEFF-4 Status	
1	16:00	5	5	Priti	KANTH	Uncertainty in C-14 production from oxygen isotopes	2305
2	16:10	15	5	Daniela	FOLIGNO	JEFF-4T3 status	2306
3	16:30	65		Arjan	PLOMPEN	Session summary + Discussion	2307
	17:35					The End	