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Summary for the LoIs on “nuclear data evaluation”

SANDA 2 meeting, July 10th, 2023, CIEMAT, Madrid, Spain

- 35 proposals
- Initial requested budget: > 4Meuros

- 4 groups:

		Requested EU/ nonEU	After adjustment EU/ nonEU
– Structure	3 proposals	205/ 0 keuros	145/ 0 keuros
– FY	7 proposals	443/ 0 keuros	234/ 0 keuros
– XS	21 proposals	2099/ 979 keuros	620/ 460 keuros
– Code dev.	4 proposals	324/ 0 keuros	179/ 0 keuros
– Total		3071/ 979 keuros	985/ 460 keuros

- 0: ID60 (EPFL on TSL): redundant with other proposals
- 0: ID142 (KIT on DPA): not a priority for the library
- 0: ID63 (Athens on pulse shape): not in evaluation
- 0: ID91 (UPM on benchmarking): not in evaluation

- 1: None

- 2: ID73 (CNRS on FY sensitivity to DH): not in evaluation, but unique
- 2: ID123 (IRSN on TSL uncertainty analysis): not in evaluation, but unique
- 2: ID30 (KIT on XS for non-energy): proposal not clear
- 2: ID104 (SCK on BU issues): not evaluation, but relevant

- Global adjustments for total budget
 - Removal of score 0
 - Stronger reduction of score 1
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- Lols with a score of 4 are scaled down by 0.7 (get 70% of the requested funding).
 - Lols with a score of 3 are scaled down by 0.35 (get 35% of the requested funding).
 - Lols with a score of 2 are scaled down by 0.15 (get 15% of the requested funding).

Id	Title	Acronym of the	My total	Submitter	Institute	Country
4	Nuclear Structure and Decay Data Evaluation Euro-ENSDF	Euro-ENSDF	29'750.0 €	Zoltan Elekes	Atomki	Hungary
66	Actinide fission fragment yields	AFFY	10'000.0 €	Jean-Éric Ducret	CEA	France
50	Optimization of thermal fission yield Observables and their impact	COREL	86'625.0 €	Grégoire Kessedjian	CEA	France
76	Evaluations for specific JEFF-4 needs	e4JEFF4	95'200.0 €	Gilles Noguere	CEA	France
67	Neutron induced fission product yields in fast energy range	NIFPYF	14'850.0 €	Olivier Serot	CEA	France
143	(n, n) and (n, xn) gamma cross section measurements	NNNXNS	56'000.0 €	David BERNARD	CEA	France
85	Burnup Dependence on Nuclear Data for Light Water Reactors	REBUND	25'000.0 €	Gilles Noguere	CEA	France
83	Thermal neutron cross sections for uncertainty quantification of thermal neutron cross sections	TARA	25'000.0 €	Gilles Noguere	CEA	France
79	Zirconium EvaluationN	ZEN	25'000.0 €	Gilles Noguere	CEA	France
56	U-238 neutron capture cross section data measured at the U-238 NG Review	U238_NG_Review	25'000.0 €	Emilio Mendoza Cembranos	CIEMAT	Spain
73	Activity study of new Fission Yields measurements on decay	SENFY	15'000.0 €	Lydie GIOT	CNRS	France
43	Burnup Dependence on Nuclear Data for Light Water Reactors	432	250'000.0 €	Mathieu Hursin	EPFL	Switzerland
60	Thermal scattering law uncertainty Analysis using Random Sampling	TARA	0.0 €	Mathieu Hursin	EPFL	Switzerland
136	Thermal scattering library generation, and nuclear data development	NCRYSTAL	70'000.0 €	Jose Ignacio Marquez Damian	ESS	Sweden
134	Thermal scattering law uncertainty Analysis using Random Sampling	TARA	25'000.0 €	Jose Ignacio Marquez Damian	ESS	Sweden
6	Nuclear Structure and Decay Data Evaluation	Euro-ENSDF	25'000.0 €	Alexandru Liviu Negret	IFIN-HH	Romania
131	Optimization of thermal fission yield Observables and their impact	COREL	25'000.0 €	Julien TAFOREAU	IRSN	France
123	Thermal scattering law uncertainty Analysis using Random Sampling	TARA	26'250.0 €	Vaibhav Jaiswal	IRSN	France
32	Burnup Dependence on Nuclear Data for Light Water Reactors	REBUND	44'800.0 €	Andrej Trkov	JSI	Slovenia
26	Zirconium EvaluationN (ZEN)	ZEN	25'000.0 €	Gašper Žerovnik	JSI	Slovenia
142	DPA Cross Sections for Neutron and alpha particles	DPANA	0.0 €	Ron Dagan	KIT	Germany
30	Thermal neutron cross sections for Non-Energy Application: Storage, Medical	EASMI, SUNEW v1	0.0 €	Ron Dagan	KIT	Germany
119	Proton and deuteron activation data	PDAD	0.0 €	Dieter Leichtle	KIT	Germany
139	S/U analysis of new systems and parameters	SUNEW	50'775.0 €	Ron Dagan	KIT	Germany
12	Evaluations for specific JEFF-4 needs	e4JEFF4	52'500.0 €	Steven van der Marck	NRG	Netherlands
63	Study of neutron-inelastic scattering measurements using the	DEFROST	0.0 €	Roza Vlastou	NTUAthens	Greece
25	Evaluations for specific JEFF-4 needs	e4JEFF4	210'000.0 €	Dimitri Rochman	PSI	Switzerland
89	Neutron induced fission product yields in fast energy range	NIFPYF	25'000.0 €	Alexey Stankovskiy	SCK	Belgium
104	Burnup Dependence on Nuclear Data for Light Water Reactors	REBUND	52'350.0 €	Luca Fiorito	SCK	Belgium
37	Evaluation of Neutron Reaction Data for 233,234U	ENDU34	33'600.0 €	Mihaela Sin	UBucharest	Romania
55	Optimization of thermal fission yield Observables and their impact	COREL	15'390.0 €	Oscar Cabellos	UPMadrid	Spain
91	Processing and benchmarking	PROBENCH	0.0 €	Oscar Cabellos	UPMadrid	Spain
90	Burnup Dependence on Nuclear Data for Light Water Reactors	REBUND	25'000.0 €	Oscar Cabellos	UPMadrid	Spain
9	Nuclear Structure and Decay Data Evaluation	Euro-ENSDF	25'000.0 €	Stefan Lalkovski	USofia	Bulgaria
84	Zirconium EvaluationN - ZEN	ZEN	56'980.0 €	Henrik Henrik Sjöstrand	UUppsala	Sweden

Wir schaffen Wissen – heute für morgen

