

# Joint Evaluated Fission and Fusion (JEFF) Nuclear Data Library

## JEFF Meetings - November 28 - December 1, 2016

### AGENDA

#### Monday 28 November, 2016

#### OECD Headquarters, La Muette – Room D

##### Session JEFF Experiments. Chair: A. Plompen

Start	End	JEF/DOC #	Speaker	Institute	Title
14:15	14:30	-	Arjan PLOMPEN	EC/JRC Geel	Welcome, Introduction
14:30	15:00	1774	Franz Josef HAMBSCHE	EC/JRC Geel	Investigation of the fission process at JRC-Geel
15:00	15:30	1775	Franz Josef HAMBSCHE	EC/JRC Geel	Status of CHANDA transnational access
15:30	16:00				<i>Coffee Break</i>
16:00	16:30	1776	Frank GUNSING	CEA Saclay	Overview of n-TOF measurements and data
16:30	16:50	1777	Oscar CABELLOS	OECD NEA	EXFOR: status and new developments, overview of NEA activities.
16:50	17:10	1778	Gottfried BRETON	SCM, France	Verification of the EXFOR and ENDF Databases
17:10	17:30	1779	Jonathan SHIMWELL	UKAEA	An online tool for visualising nuclear data

#### Tuesday 29 November, 2016

#### OECD Headquarters, La Muette – Room D

##### Session JEFF Evaluations, Covariances.

Start	End	JEF/DOC #	Speaker	Institute	Title
9:00	9:30	1780	Arjan PLOMPEN	EC/JRC Geel	The U-238 RRR/URR evaluation work from JRC-Geel
9:30	10:00	1781	Benjamin MORILLON	CEA DAM	JEFF-3.3T evaluations and PFNS
10:00	10:30				<i>Coffee Break</i>
10:30	11:00	1782	Luiz LEAL	IRSN	Work on JEFF-3.3 T2+ O-16 evaluation by IRSN
11:00	11:30	1783	Jose Ignacio MARQUEZ DAMIAN	CAB, Argentina	TSL evaluations from Bariloche
11:30	12:00	1784	Dimitri ROCHMAN	PSI	Update on JEFF-3.3 T2+ corrections
12:00	14:00				<i>Lunch Break</i>
14:00	14:30	1785	Bernard ERASMUS	NRG, Petten	A comparison of JEFF-3.3T2 and ENDF/B-VII.1 covariance data
14:30	15:00	1786	Cyrille DE SAINT JEAN	CEA Cadarache	A new proposal for WPEC SG 44
15:00	15:30	EFFDOC-1303	Stanislav SIMAKOV	KIT	Preliminary validation of CIELO and other Evaluations for Fe by IPPE
15:30	16:00				<i>Coffee Break</i>
16:00	16:30	1787	Bohumil JANSKY	CVREZ	Neutron spectra measurement and benchmark calculations using iron CIELO data
16:30	17:00	1788	Pierre TAMAGNO	CEA Cadarache	Restoring the 8-group delayed neutron data in JEFF-3.3
17:00	17:30	1789	Ian HILL	NEA	CIELO Pu-239 data testing with NDAST tool
17:30	18:00	1790	Fausto MALVAGI	CEA Saclay	Progress towards a new international standard for storing nuclear data

# Wednesday 30 November, 2016

## NEA Headquarters, Boulogne Billancourt – Room BB10

### **Session JEFF Decay Data and Fission Yields. Chair: R. Mills**

Start	End	JEF/DOC	Speaker	Institute	Title
9:00	9:20	1791	Robert MILLS	UKNNL	The new UKFY3.7/UKFY3.7A fission yield library - details and testing
9:20	9:40	1792	Mark KELLETT	CEA Saclay	Production and release of the new JEFF-3.3 Radioactive Decay Data Library
9:40	10:00	1793	Do Heon KIM	KAERI	Comparison of Decay Heat Estimated by Recently Available Fission Product Yield Data for Actinides
10:00	10:20	1794	Karl-Heinz SCHMIDT	-	Progress Report on the GEF code
10:20	10:40	1795	Olivier SEROT	CEA Cadarache	Mass yields in the heavy mass region from $^{239}\text{Pu}(n_{\text{therm}},f)$ reaction

10:40 11:00 *Coffee Break*

### **Session Processing, Verification, Benchmarking and Validation. Chairs : J.Ch. Sublet, O. Cabellos**

Start	End	JEF/DOC	Speaker	Institute	Title
11:00	11:20	1796	Oscar CABELLOS	NEA	Testing JEFF-3.3T2 with ICSBEP benchmarks.
11:20	11:40	1797	Ippei ENOKIDA	NEA	Overview of NEA activities on ICSBEP input verification
11:40	12:00	1798	Michael FLEMING	UKAEA	UKAEA Activities on Processing, Verification and Benchmarking

12:00 14:00 *Lunch Break*

14:00	14:20	1799	Cedric JOUANNE	CEA Saclay	Feedback on JEFF-3.3T2 using the GALILEE code
14:20	14:40	1800	Raphaelle ICHOU	IRSN	JEFF-3.3T2 and new U-238, O-16 and water s(a,b) benchmarking at IRSN
14:40	15:00	1801	Nicolas LECLAIRE	IRSN	Use of integral experiments in support to the validation of JEFF-3.3t1 nuclear data evaluation
15:00	15:10	1802	Dimitri ROCHMAN	PSI	PSI benchmarking for JEFF-3.3T2 and T2+
15:10	15:30	1803	Do Heon KIM	KAERI	KAERI benchmarking for JEFF-3.3T2 (TBC)

15:30 15:50 *Coffee Break*

15:50	16:10	1804	Pierre TAMAGNO	CEA Cadarache	Benchmarking of JEFF33T3 on experimental reactors
16:10	16:30	1805	Luca FIORITO	SCK-CEN	Validation of KERMA evaluated data versus known Measurements
16:30	16:50	1806	Andrea ZOIA	CEA Saclay	Analysis of dynamic reactivity by Monte Carlo methods: the impact of nuclear data
16:50	17:10	1807	Daniela FOLIGNO	CEA Cadarache	Restoring the 8-group delayed neutron data in JEFF-3.3
17:10	17:30	1808	Ivo KODELI	IJS, Slovenia	ASPIS-Iron88 benchmark results using different cross-section evaluations including JEFF-3.3T2