

Workshop on TALYS/TENDL Developments

November 13-15, 2017, Villa Lanna, Prague

Monday – November 13, 2017

from 8:30	Registration, administrative requirements	M. Sommerová
9:00	Opening address	J. Dobeš
9:30	Workshops in Řež - a new tradition?	J. Kopecky
10:00	Coffee break	
10:15	TALYS and TENDL: Status and future	A. Koning
11:15	TENDL-2017: better cross sections, better covariances	D. Rochman
12:15	Lunch time	
14:00	FISPACT-II & TENDL Verification & Validation processes	J-Ch. Sublet
15:30	On deuteron-induced reactions, with TALYS	M. Avrigeanu
16:00	Coffee break	
16:15	On alpha-particle induced reactions, too much with TALYS	V. Avrigeanu
16:45	UKAEA work in the verification and validation of TENDL	M. Fleming
17:15	Improving activation cross section data for TENDL	N. Dzysiuk

(presented by A. Koning)

Tuesday – November 14, 2017

9:00	Important Comments on TENDL-2015	Ch. Konno
9:45	Covariances generation for the cross section and benchmark responses from the TENDL random files	S. P. Simakov
10:15	Coffee break	
10:30	Treating model defects in TALYS to improve TENDL mean values and covariances	P. Helgesson
11:00	TENDL adjustments using integral benchmarks	H. Sjöstrand
11:30	The Comparison of proton-recoil and TOF neutron spectrometry methods, used for iron nuclear data libraries validation	B. Jánský
12:00	Lunch time	
13:30	The Neutrons For Science facility (NFS) at SPIRAL-2	X. Ledoux
14:15	Technology exploitation at JET: recent and planned activation experiments, and supporting analysis using TENDL	L. W. Packer
15:00	Coffee break	
15:15	Project SPIRAL2-CZ in NPI CAS	J. Mrázek
15:45	Proton and deuteron activation measurements on the NPI	E. Šimečková
16:15	Studies of cross-sections of (n,xn) reactions on Au and Y	P. Chudoba
17:30	Dinner	

Wednesday – November 15, 2017

9:00	The benchmark of the EAF-2010 Fe and Cr neutron cross-sections with various neutron spectra	M. Majerle
9:30	LA150H library for the reaction ${}^7\text{Li}(p,n)$ and new experimental data on neutron production	J. Novák
10:00	Coffee break	
10:15	Projected fast neutron facilities on CANAM-NPI cyclotrons	J. Štursa
10:45	Discussion and conclusions	SC
12:00	Lunch time	