

Program workshop SANDA I/II

18.8.2021

Via Zoom

Wednesday, 18.8.2021

8:50	Welcome	D. Schumann (PSI)
Session 1	Target production and characterisation	
9:00	JRC-Geel target preparation laboratory	G. Sibbens (JRC)
9:30	Isotope production and targetry at PSI	E. Maugeri (PSI)
10:00	Isotopic thin films preparation laboratory for nuclear physics; IFIN-HH, Bucharest, Romania	N. M. Florea (IFIN-HH)
10:30	Coffee break	
Session 2	Applications (SANDA I)	
11:00	243-Americium targets for the study of neutron induced fission cross section at the n_TOF facility of CERN	Z. Eleme (Univ. Ioannina)
11:30	Need in radioactive targets for fission studies at NFS	D. Tarrío (UU)
Session 3	Applications (SANDA II)	
12:00	Test of a novel Frisch-Grid chamber, and measurement of the $^{236}\text{U}(n,g)$ cross section	G. Lorusso (NPL)
12:30 -	Lunch break	
13:30	A ^{59}Ni target for neutron-induced gamma-ray spectroscopy	C. Michelagnoli (ILL)
14:00	A ^{179}Ta target for (n,gamma) spectroscopy relevant for the astrophysical origin of ^{180}Ta	C. Michelagnoli (ILL)
14:30	Production of a ^{10}Be target for nuclear structure experiments	L. Tetley (Uni York)
15.00	Coffee break	
15:30	^{10}B targets for the production of ^{11}C in deuteron induced reactions	J. Benlliure (Uni Santiago)
16:00	Preparation of ^{50}Cr and ^{53}Cr targets for neutron capture and transmission experiments for criticality safety	C. Guerrero (CNA)
16:30	Radiative capture measurement on ^{79}Se at n_TOF: sample preparation and future perspectives	C. Domingo-Pardo (IFIC)
17:00	First measurement of ^{94}Nb neutron cross section at n_TOF: Sample preparation and future perspectives	C. Domingo-Pardo (IFIC)
17:30	Closing remarks	D. Schumann