2nd Workshop on neutrons in medicine and homeland security

Friday 13 September 2019

Neutrons in Homeland Security: Morning (10:00-13:00)

time	[id] title	presenter
10:00	[3] Dumped Munitions in the Baltic	BEŁDOWSKI, Jacek
10:25	[28] Application of the anti-Compton shielding in the gamma spectrometer of the SWAN neutron explosives detector	GIERLIK, Michał
10:50	[19] Underwater detection of hazardous substances with neutrons: the SABAT project	SILARSKI, Michał
11:10	Discussion session over coffee	
11:40	[6] MCNP simulations for chemical threat detection with neutrons and POLFEL Free Electron Laser beam dump modelling	SIBCZYŃSKI, Paweł
12:05	[35] Apparatus neutron sources at IFJ PAN for basic and application research	KULIŃSKA, Agnieszka
12:35	[5] Techniques for data processing in real-time using FPGAs	KORCYL, Grzegorz

Neutrons in Homeland Security: Afternoon (14:30-15:45)

time	[id] title	presenter
14:30	[30] Geant4 simulation of optical photon transport in monolithic crystal scintillator with readout by silicon photomultiplier array.	GEORGADZE, Anzori
14:55	[2] Advanced Hydrated Cement Composite Materials for Gamma and Neutron Shielding Applications	MADEJ, Dominika
15:20	[36] Review of plastic scintillators for neutron detection	KAPŁON, Łukasz