



# NUSPRASEN Workshop on Nuclear Science Applications

## Monday 25 November 2019

### Applications in Nuclear Safety, Security and Safeguards (09:00-10:30)

time	[id] title	presenter
09:00	[26] Opening / Welcome	Dr DENDOOVEN, Peter
09:10	[1] Spent fuel containers: too well shielded!	MASCHIO, Isabella
09:50	[2] Visualizing radiation in 3D and in real-time for nuclear safety and security	VETTER, Kai

### Applications in Nuclear Safety, Security and Safeguards (10:55-12:30)

time	[id] title	presenter
10:55	[28] Effective Z evaluation using monoenergetic gamma rays and neural networks	TURTURICA, Gabriel
11:17	[30] Improved material identification in x-ray back-scatter imaging using a spectrum filtration method	FISHER, Sarah
11:40	[31] Replacing nuclear reactor with neutron generator in fission track method	VAINIONPÄÄ, Hannes
12:02	[33] Assaying spent nuclear fuel with Passive Neutron Albedo Reactivity	TUPASELA, Topi