

Low Radioactivity Techniques (LRT2024)

Friday, 4 October 2024

Neutron Background Mitigation - PAU (08:30 - 10:20)

-Conveners: Sean Paling

time	[id] title	presenter
08:30	[95] Measuring underground neutrons with the high-efficiency neutron spectrometry array (HENSA): current status and future prospects	TARIFENO-SALDIVIA, Ariel
08:55	[62] Calculation and Mitigation of Neutron-Induced Backgrounds in Rare Event Search Experiments	SANTORELLI, Roberto
09:20	[57] Optimised neutron yield calculations from (α ,n) reactions with the modified SOURCES4 code	KUDRYAVTSEV, Vitaly
09:40	[14] Development of a GAGG-based low-background neutron detector	BENATO, Giovanni
10:00	[4] Gd-PMMA: a novel neutron tagging technology for low background detectors	WANG, Yi