

Low Radioactivity Techniques (LRT2024)

Tuesday, 1 October 2024

Low Background Assay Techniques - PAU (12:10 - 13:45)

-Conveners: Aldo Ianni

time	[id] title	presenter
12:10	[30] Inductively Coupled Plasma Mass Spectrometry: An Ultrasensitive Tool for Ultralow Background Physics	ARNQUIST, Isaac
12:35	[76] Low radioactivity measurements based on ICP-MS at Canfranc Underground laboratory.	CID-BARRIO, Laura
13:00	[65] Measurement of trace radioactivity with Neutron Activation Analysis	PIEPKE, Andreas
13:25	[55] GeMPI-Neo - A next generation material screening station	ACKERMANN, Nicola

Low Background Assay Techniques - PAU (15:00 - 16:40)

-Conveners: Isaac Arnquist

time	[id] title	presenter
15:00	[31] Secular disequilibrium in radiopure materials	SCHLIEDER, Tyler
15:20	[50] Performing matrix extraction and characterization of copper samples by High Resolution Inductively Coupled Plasma Mass Spectrometry	FERELLA, Francesco
15:40	[8] Ultra-sensitive analysis with neutron activation of U, Th and K in the liquid scintillator of the JUNO experiment	BARRESI, Andrea
16:00	[63] The CAGe germanium array at the Center for Underground Physics.	LEONARD, Douglas
16:20	[7] A gaseous time projection chamber with Micromegas readout for low-radioactive material screening	ZHANG, Wenming