



# Low Radioactivity Techniques (LRT2024)

## Friday, 4 October 2024

### Experiments Background, Models & Simulations - PAU (11:30 - 13:10)

-Conveners: Roberto Santorelli

time	[id] title	presenter
11:30	[49] Radioassays for the LEGEND 76Ge neutrinoless double beta decay experiment	VARRIANO, Louis
11:50	[40] Analysis of the backgrounds in the LEGEND-200 experiment	DIXON, Toby
12:10	[1] Latest results from the CUORE experiment	DELL'ORO, Stefano
12:30	[19] Exploring the keV scale energy spectrum of CUORE	RESSA, Alberto
12:50	[27] Backgrounds of the CUPID experiment	LOAIZA, Pia

### Experiments Background, Models & Simulations - PAU (14:30 - 16:30)

-Conveners: Małgorzata Harańczyk

time	[id] title	presenter
14:30	[24] Updated background studies for the ANAIS dark matter experiment	CEBRIAN, Susana
14:50	[2] BINGO: Investigation of the Majorana nature of neutrinos at the few meV level of the neutrino mass scale	PODA, Denys
15:10	[16] The Background Control of PandaX-4T and A Low-background PMT for PandaX-xT	YUN, Youhui
15:30	[13] Environmental radioactivity background control at JUNO	CUI, Chenyang
15:50	[18] Studies of radioactive background from environment for a potential LXe dark matter experiment at Boulby	TRANter, Jemima
16:10	[96] Environment background at HADES	PELCZAR, Krzysztof