



# Low Radioactivity Techniques (LRT2024)

## Wednesday, 2 October 2024

**Poster Session - PAU (18:40 - 20:00)**

[id] title	presenter	board
[11] Acrylic and liquid scintillator radiopurity screening by ICP-MS for the JUNO experiment	ZHAO, Jie	1
[48] Background analysis of the large-surface, low-background alpha spectrometer	CZUBAK, Milena	2
[35] Background mitigation techniques with the NEWS-G dark matter detector	GOREL, Pierre	3
[20] DarkSide-20k Veto photon-detector units: construction and characterisation	AHMAD, Iftikhar	4
[10] Data-driven background model for the CUORE experiment and measurement of the two-neutrino double beta decay of Te-130	GHISLANDI, Stefano	5
[29] Developing a cryogenic heat pump for liquid xenon radon removal systems	SCHULTE, Philipp	6
[6] Developing the low radon ultra-pure water for the JUNO experiment	GUO, Cong	7
[33] Development and Modeling of a Thin, Radiopure Germanium Detector Entrance Window	FOUST, Benjamin	8
[71] High sensitivity Rn emanation studies applying cryogenic detector	ZUZEL, Grzegorz	9
[42] Low background Ge gamma spectrometry of thick samples	KONTUL, Ivan	10
[28] Mitigating radon backgrounds in dark matter searches	CARROLL, Sophie	11
[61] New low-background underground facility in Poland - Książ Castle	SZCZEPANIEC, Krzysztof	12
[70] Production and characterization of ultra-pure copper for a low background HPGe spectrometer	ZUZEL, Grzegorz	13
[82] Production of GEM-like structures using laser-cutting techniques	KUŹNIAK, M.	14
[41] Radiation screening using Germanium detectors	GREEN, Beth	15
[21] Radioassay of lead samples using an array of HPGe detectors	PARK, Su-yeon	16
[22] Radiopurity procurement for AMoRE-II	GILEVA, Olga	17
[64] Rapid ICP-MS Analysis of Ra-226 Concentration in Ultrapure Gadolinium Sulfate Octahydrate	HOSOKAWA, Keishi	18
[39] Status of the liquid scintillator for JUNO	LING, Xin	19
[9] The Hardware Upgrades and Third Fill of DEAP-3600 at SNOLAB	JILLINGS, Christopher	20