

Low Radioactivity Techniques (LRT2022)

Wednesday, June 15, 2022

LRT 2022 - poster session: + Coffee / Refreshments - Surbeck Ballroom (3:05 PM - 4:30 PM)

time	[id] title	presenter
3:05 PM	[3] The Cold Radon Emanation Facility	PERRY, Emily
3:07 PM	[5] The Radon Emanation Measurement System of PandaX-4T [remote]	SI, Lin
3:11 PM	[10] Detector characterization for the LEGEND-200 experiment	BIANCACCI, Valentina
3:13 PM	[11] Science at LSM, Underground Laboratory of Modane	DASTGHEIBI FARD, Ali
3:15 PM	[17] R2D2: a xenon TPC for neutrinoless double beta decay search	CERNA, Cedric
3:17 PM	[22] Cosmogenic activation calculation of experiments with LAr target	VALLIVILAYIL JOHN, Teena
3:19 PM	[24] Radon déposition simulation and test	WAROT, guillaume
3:21 PM	[33] Mitigation of Cosmogenically Induced Background from $^{42}\text{Ar}/^{42}\text{K}$ using Encapsulation with Ultra-Pure Plastic for the LEGEND Experiment	MIRZA, Ibrahim
3:23 PM	[34] The Study of $^{13}\text{C}(\alpha,n)^{16}\text{O}$ reactions in the MAJORANA DEMONSTRATOR Calibration Data	Mr OLI, Tupendra
3:25 PM	[39] Cryogenic light readout of NaI(Tl) crystals for dark matter detection	D'ANGELO, DAVIDE
3:27 PM	[42] Latest development of the specialty ultra-low background detector manufacturing	Mr RALET, Damian
3:29 PM	[43] Indium-115 based crystals for β -decay spectral shape measurement	BENATO, Giovanni
3:31 PM	[46] Radon burden and Xe purification performance of the LZ hot zirconium getter	HALL, Carter
3:33 PM	[48] Low Low Background kTon-Scale Liquid Argon Time Projection Chambers	Dr SHARMA POUDEL, Sagar
3:35 PM	[51] Development of pulse shape discrimination method for identification and rejection of alpha events in high purity germanium detectors	Dr SZCZEPANIEC, Krzysztof
3:37 PM	[57] Characterizing the Impact of Veto Threshold Settings on Detector Backgrounds	THOMMASSON, Kimbrelle
3:39 PM	[58] Suggestion of mobile ultra-low background HPGe system	KIM, Chang-Jong
3:41 PM	[87] Background Explorer	SHARMA POUDEL, Sagar
3:43 PM	[88] Using ultra-clean conditions of the MAJORANA DEMONSTRATOR to measure unobserved $^{180\text{m}}\text{Ta}$ decay	SCHLEICH, Samuel
3:45 PM	[89] Emanation and Diffusion of Radon through Gaskets for SuperCDMS SNOLAB	SCHNEE, Richard
3:47 PM	[90] Analysis of Backgrounds for a Radon-Emanation System	BENDIGO, Seth