LIDINE 2021: LIght Detection In Noble Elements

Friday 17 September 2021

Detector Techniques (4B) (10:00-12:30)

-Conveners: Evan Shockley

time	[id] title	presenter
10:00	[92] Results from the Xeclipse Liquid Purification Test System for XENONnT	HOWLETT, Joseph
10:15	[57] Purification of large volume of liquid argon for the LEGEND-200 experiment	ZUZEL, Grzegorz
10:30	[65] Modeling the Effect of Impurities on the Electron Lifetime in Liquid Xenon for nEXO	JAMIL, Ako
10:45	[4] Measurement of the underground argon radiopurity for Dark Matter direct searches	GARCIA ABIA, Pablo
11:00	[83] The LZ Krypton Removal Chromatography System	AMES, Andrew
11:15	[53] CrystaLiZe: A Solid Future for LZ	KRAVITZ, Scott
11:30	[29] Development of a Pulsed VUV Light Source With Adjustable Intensity	MCDONALD, Austin
11:45	[47] Fluorescence light yield and time constants of acrylic (PMMA) excited with UV light	ELLINGWOOD, Emma
12:00	[42] Development and characterization of a slow wavelength shifting coating for background rejection in liquid argon detectors	GALLACHER, David
12:15	[85] Barium Tagging for the NEXT Neutrinoless Double Beta Decay Program	NAVARRO, Karen