

LIDINE 2021: LIght Detection In Noble Elements

Thursday 16 September 2021

Detector Techniques (3A) (07:00-09:30)

-Conveners: Roberto Santorelli

time	[id] title	presenter
07:00	[22] Mind the (gas) gap: a single-phase liquid xenon TPC	BROWN, Adam
07:15	[67] Prospects of S2 analysis in single-phase liquid xenon TPCs	KUGER, Fabian
07:30	[6] Proposal of a Geiger-geometry Single Phase Time Projection Chamber as Potential Detector Technique for next-generation large-scale dark matter search detector	LIN, Qing
07:45	[61] Detection of Electroluminescence in Liquid Xenon with a Radial Time Projection Chamber	QI, Jianyang
08:00	[56] Understanding the impact of high voltage electrodes on low-energy dark matter searches with the LZ dual phase xenon TPC	LINEHAN, Ryan
08:15	[7] Latest Results from the Xenon Breakdown Apparatus	WATSON, Reed
08:30	[88] Dielectric Strength of Noble and Quenched Gases for High Pressure Time Projection Chambers	NORMAN, Logan
08:45	[48] A new high voltage cable feedthrough concept for future dark matter and neutrino experiments	Dr PAGANI, Luca
09:00	[89] Low Threshold Operation of the Scintillating Xenon Bubble Chamber	BRESSLER, Matthew
09:15	[37] A proposal to use neutron captures as a source of ultra-low energy nuclear-recoils in liquid xenon	AMARASINGHE, Chami