

UCLA Dark Matter 2020 Conference

Friday 27 March 2020

Session 13: Direct Detection Technical Developments - PAB- 1-425 (13:30 - 16:30)

time	[id] title	presenter
13:30	[85] Dark Matter Search with SuperCDMS eV-resolution Device	Mr CHANG, Yen-Yung
13:45	[94] Light detection in DarkSide-20k	RIGNANESE, Luigi Pio
14:00	[88] Scintillation yield from electronic and nuclear recoils in superfluid helium-4	LIN, Junsong
14:15	[41] Background Modeling in the LUX Detector for an Effective Field Theory Dark Matter Search	RISCHBIETER, Gregory
14:30	[55] The Design and Construction of the LUX-ZEPLIN (LZ) Experiment	Dr KHAITAN, Dev Ashish
14:45	[43] Discrimination of electron recoils from nuclear recoils in two-phase xenon time projection chambers	VELAN, Vetri
15:00	[38] Analysis of High Energy Events and Neutrinoless Double Beta Decay in XENON1T	CAPELLI, Chiara
15:15	[35] Searching for dark matter with PICO bubble chambers	GIROUX, Guillaume
15:30	[67] Novel Charge Readouts for a CYGNUS-10 Directional Detector at Boulby	Prof. NEIL, Spooner
15:45	[70] Ultra-high radio-pure NaI(Tl) crystal growth for the SABRE experiment	ALDO IANNI, Aldo
16:00	[130] The LUX experiment: review of the recent data analysis progress	RIFFARD, Quentin
16:15	[60] DArT in ArDM, a new detector to measure ultra-low radioactive-isotope contamination of argon	Dr GARCIA ABIA, Pablo