



# CPAD Workshop 2023

## Tuesday, 7 November 2023

### **RDC1: Session #1 (Noble Element Detectors) - 53/1-1350-A - Trinity-A (13:30 - 15:30)**

-Conveners: Jonathan Asaadi; Carmen Carmona

time	[id] title	presenter
13:30	[237] Perspective from DRD2	GUENETTE, Roxanne
13:50	[267] RDC1 Coordination Discussion	ASAADI, Jonathan
14:10	[19] CrystaLiZe: Pushing Dark Matter Detection to the Limit with Solid Xenon	KRAVITZ, Scott
14:30	[20] The Capabilities of the Liquid Xenon Proportional Scintillator Counter for Low-energy Event Detection	QI, Jianyang
14:50	[25] Characterization of Delayed Ionization Backgrounds in the LZ Experiment	MIZRACHI, Eli
15:10	[43] Experimental search for the Migdal Effect in a compact liquid xenon TPC	LENARDO, Brian

# Wednesday, 8 November 2023

## **RDC1: Session #2 - 48/1-112C/D - Redwood C/D (11:00 - 12:30)**

-Conveners: Jonathan Asaadi; Carmen Carmona

time	[id] title	presenter
11:00	[26] Calibration Systems of the Multi-Tonne Scale Xenon Detector in LZ	XIA, Qing
11:20	[47] Status and Development of nEXO's Charge Readout System	RICHARDSON, Glenn
11:40	[41] Lowering the threshold of dual-phase LArTPCs	WESTERDALE, Shawn
12:00	[44] Studies of Xenon-Doped Argon with the CHILLAX Experiment	KINGSTON, James

## **RDC1: Session #3 - 48/1-112C/D - Redwood C/D (13:30 - 15:30)**

-Conveners: Jonathan Asaadi; Carmen Carmona

time	[id] title	presenter
13:30	[109] Measuring the transverse diffusion of electrons in noble gasses: A laboratory-scale demonstration of the physics capabilities of Q-Pix.	CHIRAYATH, V. A.
13:50	[148] Hydrogen doping in liquid xenon TPCs (HydroX) at SLAC	AMES, Drew
14:10	[193] Multiple Argon Experiments (MArEX) at n_TOF	BEZAWADA, Yashwanth
14:30	[268] RDC1 Work package Planning Session	ASAADI, Jonathan