



# UCLA Dark Matter 2023

## Friday 31 March 2023

**SESSION 14: Direct detection: Technical Development-2 (CHAIR: Rafael Lang - Purdue University) - PAB- 1-425 (17:00 - 19:00)**

time	[id] title	presenter
17:00	[207] Migdal Search in LUX-ZEPLIN Dark Matter Experiment	BANG, Jeanne
17:15	[212] Experimental result on measuring the Migdal effect with neutron-induced nuclear recoils at the keV level in liquid xenon	Dr XU, Jingke
17:30	[264] Phonon-mediated kinetic inductance detectors for sub-GeV dark matter searches	WEN, Osmond
17:45	[232] Results from the KDK experiment	DI STEFANO, Philippe
18:00	[215] The innovative Underground Argon Project: the path from procurement to purification for search of Dark Matter	GABRIELE, Federico
18:15	[224] A crystalline xenon TPC to reach the neutrino detection limit	CHEN, Hao
18:30	[227] Update from the Scintillating Bubble Chamber (SBC) Collaboration	Prof. DAHL, Eric
18:45	[348] A Strategy for Low-Mass Dark Matter Searches with Cryogenic Detectors in the SuperCDMS SNOLAB Facility	GOLWALA, Sunil