



# CPAD Instrumentation Frontier Meeting 2016 : NEW TECHNOLOGIES FOR DISCOVERY II

## Sunday, 9 October 2016

### Parallel VIII: Noble Liquids - GatesThomas 135 (11:15 - 18:50)

time	[id] title	presenter
11:30	[75] LArIAT Results	Dr ASAADI, Jonathan
11:49	[61] Construction and operation of Mini-CAPTAIN LArTPC	Prof. BIAN, Jianming
12:08	[110] ArgonCUBE	Dr SINCLAIR, James
12:27	[17] Giant high pressure TPCs in salt caverns	Prof. MONREAL, Benjamin
12:46	[70] First data from a 30-gram prototype liquid xenon bubble chamber	Dr ZHANG, Jianjie
13:05	Lunch	
14:20	[143] 4He and low-temperature calorimetry: a detector concept for extremely low energies	Dr HERTEL, Scott
14:35	[79] Low energy detection limit of Noble Liquid ionization detectors	Dr PEREVERZEV, Sergey
14:54	[47] High Voltage Studies in Liquid Argon	Dr LOCKWITZ, Sarah
15:13	[11] Spurious electron emission from cathodic wires in liquid xenon	TOMAS, Alfredo
15:32	[58] High-Voltage Design Aspects of the LZ Detector	Dr BERNARD, Ethan
15:51	[50] Cold Electronics Performance in MicroBooNE	Dr QIAN, Xin
16:10	Coffee Break	
16:30	[9] Meter Scale Light Guides for Light Collection in Future LArTPCs	Mr MOON, Jarrett
16:49	[63] Near-infrared (NIR) scintillation of liquid argon	ESCOBAR, Carlos
17:08	[65] ARAPUCA: a new device for LAr scintillation light detection	Dr MACHADO, Ana Amelia
17:27	[23] 220Rn calibration for liquid noble gas detectors	Mr KOBAYASHI, Masatoshi
17:46	[57] Plate and light-guide based photon detection system design for DUNE	Mr HOWARD, Bruce
18:05	[15] Quantitative Impurity Distribution Model and Field Response Calibration for LArTPC	LI, Yichen