

GUINEAPIG Workshop on Light Dark Matter

Friday, 9 September 2022

New Directions for LDM Detection - Auditorium (09:15 - 10:45)

time	[id] title	presenter
09:15	[22] SNOLAB Facility and Science	HALL, Jeter
09:45	[21] Organic scintillator crystals for sub-GeV daily modulation searches	KAHN, Yonatan
10:15	[23] Discussion	

New Directions for LDM Detection - Auditorium (11:00 - 12:30)

time	[id] title	presenter
11:00	[11] Multiphonon Excitations in Dark Matter Direct Detection	LIN, Tongyan
11:30	[12] New directions in eV-scale phonon sensing	KURINSKY, Noah
12:00	[13] Discussion	

Saturday, 10 September 2022

New Directions for LDM Detection - Auditorium (09:15 - 10:45)

time	[id] title	presenter
09:15	[18] Astrophysical Uncertainties in Dark Matter-Electron Scattering Experiments	YU, Tien-Tien
09:45	[19] Development of new techniques for low-mass dark matter detection	BAXTER, Daniel
10:15	[25] Discussion	

New Directions for LDM Detection - Auditorium (11:00 - 12:30)

time	[id] title	presenter
11:00	[20] Design and testing of a monoenergetic 24 keV neutron source for calibration of low threshold dark matter detectors	MCKINSEY, Daniel
11:30	[24] Qubit performance meets low-mass dark matter searches	ORRELL, John
12:00	[16] Discussion	