



# LIDINE 2022: LIght Detection In Noble Elements

## Wednesday, 21 September 2022

### Properties of noble liquids - 316A (16:15 - 17:15)

-Conveners: Roberto Santorelli

time	[id] title	presenter
16:15	[48] Update on Delayed Electron Emission in DarkSide-50	WADA, Masayuki
16:30	[44] Experimental study of Ar ion drift and feedback from gas to liquid phase	PESUDO FORTES, Vicente
16:45	[60] What surfaces in operation of dual-phase dark matter detectors	Dr PEREVERZEV, Sergey
17:00	[33] Light production in liquid and gaseous argon	KISH, Alexander

# Thursday, 22 September 2022

## Properties of noble liquids - 316A (09:00 - 10:00)

-Conveners: Vitaly Chepel

time	[id] title	presenter
09:00	[2] Lindhard integral equation with binding energy apply to light and charge yields nuclear recoils in noble liquid detectors	SARKIS, Youssef
09:15	[12] Calibrating the scintillation and ionization responses of xenon recoils for high-energy dark matter searches	PERSHING, Teal
09:30	[34] Simulation results for a low energy NR yields measurement in liquid xenon using the MiX detector	AMARASINGHE, Chami
09:45	[65] Nucleation efficiency of a liquid xenon bubble chamber	DURNFORD, Daniel