

UCLA Dark Matter 2023

Friday 31 March 2023

SESSION 13: Direct detection: Technical Development-1 (CHAIR: Chamkaur Ghag - University College London) - PAB-1-425 (15:00 - 16:30)

| time | [id] title | presenter |
|-------|---|----------------------|
| 15:00 | [211] Background Determination for the LUX-ZEPLIN Experiment | COTTLE, Amy |
| 15:15 | [222] The XENONnT Neutron Veto | SELVI, Marco |
| 15:30 | [263] Radon mitigation strategies for current and future liquid xenon detectors | JÖRG, Florian |
| 15:45 | [236] From Photoelectrons to Bytes in DarkSide-20k | CAPRA, Andrea |
| 16:00 | [226] First measurement of discrimination between helium and electron recoils in liquid xenon as a means for detecting sub-GeV dark matter (HydroX) | HASELSCHWARDT, Scott |
| 16:15 | [218] Superconducting Nanowire Single Photon Detectors for Dark Matter Detection | SHAW, Matthew |