

Session Program

9-11 Nov 2019



Magnificent CEvNS 2019

Noble-element detectors and dark matter

The PIT
462 W Franklin St Chapel Hill, NC 27516 USA

Saturday 9 November

11:00

Noble-element detectors and dark matter

Session | **Location:** The PIT, 462 W Franklin St Chapel Hill, NC 27516 USA | **Convener:** Matthew Green

11:00–11:20 **Prospects of CEvNS Detection with the XENON100 Detector**

Speaker
Kaixuan Ni

11:20–11:40 **Progress and plans for DARKSIDE and QF measurements in LAr**

Speaker
Claudio Savarese

11:40–12:00 **Searching for Sterile Neutrinos with Coherent Captain Mills**

Speaker
Mr Edward Dunton

12:00–12:20 **Future LAr program in COHERENT**

Speaker
Rex Tayloe

12:20–12:40 **COHERENT sensitivity to DM**

Speaker
Daniel Pershey

12:40

14:30

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14:30–14:50 **Status and future plans of SuperCDMS**

Speaker
Rupak Mahapatra

14:50–15:10 **Dark matter and neutrino search with the LZ experiment**

Speaker
Dr Jingke Xu

15:10–15:30

The CYGNUS Directional Dark Matter Experiment and Neutrino-Nucleus Scattering

Speaker
Prof. Neil Spooner

15:30