

Session Program

24-27 Mar 2025

UCLA Dark Matter 2025

SESSION 13: Direct detection: Technical Development-1 (CHAIR: Rick Gaitskell - BrownU))

UCLA Physics and Astronomy Building 1-425
475 Portola Plaza, Los Angeles, CA 90095 darkmatter@physics.ucla.edu

Wednesday 26 March

16:00

SESSION 13: Direct detection: Technical Development-1 (CHAIR: Rick Gaitskell -BrownU))

Session |

Location: UCLA Physics and Astronomy Building 1-425, 475 Portola Plaza, Los Angeles, CA 90095
darkmatter@physics.ucla.edu

16:00–16:15

The DarkSide-20k Experiment and the Search for Dark Matter with Underground Argon

Speaker

Dr Ako Jamil

16:15–16:30

Progress and Results from the TESSERACT Dark Matter Experiment

Speaker

Michael Williams

16:30–16:45

The Scintillating Bubble Chamber

Speaker

Hugh Lippincott

16:45–17:00

The XLZD Experiment

Speaker

Prof. Daniel Akerib

17:00–17:15

Xenon-Doped Argon for Dark Matter Search

Speaker

Dr Jingke Xu

17:15–17:30

Progress of the PICO-500 Detector installation

Speaker

Carsten Krauss

17:30–17:45

The Search for the Migdal Effect and the Modeling of Nuclear Recoil with DD Neutrons in LUX-ZEPLIN (LZ) Experiment

Speaker

Mr Chen Ding

17:45–18:00

The International Axion Observatory (IAXO) and BabyIAXO (*)

Speaker

Kerstin Perez

18:00