

Session Program

24-27 Mar 2025

UCLA Dark Matter 2025

SESSION 10: Direct Detection: status of liquid/gas WIMP detectors

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

Tuesday 25 March

08:00

SESSION 10: Direct Detection: status of liquid/gas WIMP detectors

Session |

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

08:00–08:15

Dark matter direct detection with PandaX experiment

Speaker

Prof. Ning Zhou

08:15–08:30

Dark Matter Search Status from DEAP-3600

Speaker

Spencer Haskins

08:30–08:45

The PICO-40L Direct Detection Experiment

Speaker

Derek Cranshaw

08:45–09:00

Status of the LUX-ZEPLIN Dark Matter Experiment

Speaker

Daniel Kodroff

09:00–09:15

DarkSide-20k Physics Potential for Dark Matter direct searches

Speaker

Alessio Caminata

09:15–09:30

Latest results on the search for WIMPs with XENONnT

Speaker

Zihao Xu

09:30–09:45

Enhanced recombination of ^{124}Xe and the flow-tag of ^{214}Pb in LUX-ZEPLIN

Speaker

Chami Amarasinghe

09:45–10:00

Enhancing Direct Detection of Higgsino Dark Matter

Speaker

Mr Samuel Wong

10:00