

Session Program

29 March 2023 to 1 April 2023

UCLA Dark Matter 2023

SESSION 10: Direct Detection: status of liquid/gas WIMP detectors (CHAIR: Alvine Kamaha -UCLA)

UCLA, PAB- 1-425

UCLA Department of Physics and Astronomy 475 Portola Plaza, Los Angeles, CA 90095

Thursday 30 March

07:30

SESSION 10: Direct Detection: status of liquid/gas WIMP detectors (CHAIR: Alvine Kamaha -UCLA)

Session |

Location: UCLA, PAB- 1-425, UCLA Department of Physics and Astronomy 475 Portola Plaza, Los Angeles, CA 90095

07:30-07:45

Recent progress and plan of PandaX experiment

Speaker

Ning Zhou

07:45-08:00

The NEWS-G light Dark Matter search experiment: Physics results from a 10 day exposure with pure methane gas

Speaker

Mr Daniel Durnford

08:00-08:15

Recent developments of the PICO dark matter detectors

Speaker

Colin Moore

08:15-08:30

Dark Matter search results from the LUX-ZEPLIN (LZ) Experiment

Speaker

Dr Maria Elena Monzani

08:30-08:45

XENONnT: first WIMP search results

Speaker

Luca Grandi

08:45-09:00

DarkSide-20k: The Next Stage in the Direct Dark Matter Search Using Liquid Argon

Speaker

Thomas Nathan Thorpe

09:00-09:15

Dark matter search in DEAP-3600: results and prospects

Speaker

Dr Michela Lai

09:15-09:30

DARWIN and the Future of Liquid Xenon Dark Matter Detectors

Speaker

Abigail Kopec

09:30-09:45

New constraints on ultra heavy dark matter from the LUX-ZEPLIN (LZ) experiment

Speaker

Ibles Olcina Samblas

09:45