

## **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](mailto: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 $^{124}\text{Xe}$ and the flow-tag of $^{214}\text{Pb}$ in LUX-ZEPLIN

**Speaker**

Chami Amarasinghe

09:45–10:00

### Enhancing Direct Detection of Higgsino Dark Matter

**Speaker**

Mr Samuel Wong

10:00