

## **Session Program**

**24-27 Mar 2025**

## **UCLA Dark Matter 2025**

### ***SESSION 2: Astrophysics and Indirect Dark Matter Searches***

UCLA Physics and Astronomy Building 1-425  
475 Portola Plaza, Los Angeles, CA 90095 [darkmatter@physics.ucla.edu](mailto:darkmatter@physics.ucla.edu)

# Sunday 23 March

10:10

## SESSION 2: Astrophysics and Indirect Dark Matter Searches

**Session** |

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

10:10-10:35

### Dynamical astrophysical probes of dark matter

**Speaker**

Jo Bovy

10:35-11:00

### PaleoDetectors (Ancient Minerals from Deep Underground)

**Speaker**

Prof. Katherine Freese

11:00-11:25

### Galaxies as Probes of the Particle Physics Nature of Dark Matter

**Speaker**

Mariangela Lisanti

11:25-11:50

### An overview of new dark matter constraints from strong gravitational lensing probes.

**Speaker**

Dr Anna Nierenberg

11:50-12:15

### Probing ultra-light dark matter wave interference with astrophysical observations

**Speaker**

Elisa Gouvea Mauricio Ferreira

12:15