

Session Program

7-11 Jul 2025

Dark Side of the Universe 2025

Plenary

Monday 7 July

09:30

Plenary Session

09:30–10:00 TBA**Speaker**

Prof. Hitoshi Murayama

10:30

10:00–10:30 Testing heavy WIMPs at the Cherenkov Telescope Array Observatory**Speaker**

Tracy Slatyer

11:00

Plenary Session

11:00–11:30 Running a Dark Matter Experiment on a Galaxy**Speaker**

Prof. Mariangela Lisanti

12:00

11:30–12:00 Searching for New Physics with Stars, Near and Far**Speaker**

Aaron Vincent

Tuesday 8 July

09:00

Plenary Session

09:00–09:30

Dark Matter (mass) at the extremes: reigning in the mass range of range of dark matter

Speaker

Evan McDonough

09:30–10:00

The Devil is in the (Axion) Details

Speaker

Dr Chanda Prescod-Weinstein

10:00–10:30

Narrowing down the mass range of ultra-light dark matter

Speaker

Elisa Gouvea Mauricio Ferreira

10:30

11:00

Plenary Session

11:00–11:30

Probing Dark Matter with Liquid Xenon Detectors

Speaker

Laura Baudis

11:30–12:00

Gravitino Dark Matter and Neutrino Masses

Speaker

Seyda Ipek

12:00

Wednesday 9 July

09:00

Plenary Session

09:00–09:30 TBA**Speaker**

Maxim Pospelov

09:30–10:00 Present and future of dark matter detection with skipper-CCDs**Speaker**

Ana Martina Botti

10:00–10:20 Solid State Detectors for Low-Mass Dark Matter Searches**Speaker**

Miriam Diamond

10:30

Thursday 10 July

09:00

Plenary Session

09:00–09:30

Results from the Atacama Cosmology Telescope Data Release 6

Speaker

Renée Hlozek

09:30–10:00

TBA**Speaker**

Alexandra Amon

10:00–10:30

Cracks in the Standard Cosmological Model: Anomalies, Tensions, and Hints of New Physics

Speaker

Dr Eleonora Di Valentino

10:30

11:00

Plenary Session

11:00–11:30

Dark dimension boundary or shiny bulk? - Modular invariant quintessence

Speaker

Dieter Lust

11:30–12:00

UV Priors with a Dark Energy (Naturally)

Speaker

Cliff Burgess

12:00

Friday 11 July

09:00

10:30

Plenary Session	
09:00–09:30	Fundamental Physics with Pulsar Timing Arrays Speaker Prof. Kimberly Boddy
09:30–10:00	Listening to the Dark Universe: Experimental Searches for Axion Dark Matter Speaker Sung Woo YOUN
10:00–10:30	TBA Speaker Marcela Carena Lopez