

Session Program

24-27 Mar 2025

UCLA Dark Matter 2025

SESSION 8: Dark Matter Theory

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

Monday 24 March

13:30

SESSION 8: Dark Matter Theory

Session |

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

13:30-13:45

Cosmic Millicharge Background and Reheating Probes

Speaker

Yu-Dai Tsai

13:45-14:00

Axions and the formation of supermassive black holes at cosmic dawn

Speaker

Pierre Sikivie

14:15

14:00

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14:00-14:15

Dark matter halos at $z > 6$ through gas kinematics

Speaker

John Silverman

14:45-15:00

Macroscopic dark matter: fermi balls and black holes

Speaker

zachary picker

15:00-15:15

Gravitational Waves from Black Hole formation

Speaker

Chris Kouvaris

15:30-15:45

Probing Gravothermal Collapse of Dark Matter Halos: Observational Insights

Speaker

Hai-Bo Yu

15:45-16:00

Q-balls with an Attractive Force

Speaker

Philip Lu

16:00