Session Program

Mar 25 – 28, 2020

UCLA Dark Matter 2020 Conference

Session 5

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

Thu, March 26

8:00 AM

Session 5: Astrophysics and cosmology-1

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

8:00 – 8:15 AM

Probing Dark Matter Throughout Cosmic History

Speaker
Prof. Vera Gluscevic

8:15 – 8:30 AM

From Dark Matter Particle Phenomenology to Astrophysical Structure Formation

Speaker
Andrew Benson

8:30 – 8:45 AM

Constraining dark matter models with strong gravitational lensing and simulations

Speaker
Giulia Despali

8:45 – 9:00 AM

Constraints on the free-streaming length of dark matter and halo concentrations with quadruple-image strong gravitational lenses

Speaker
Mr Daniel Gilman

9:00 – 9:15 AM

Visibility-space Bayesian forward modeling of radio interferometric gravitational lens observations

Speaker
Devon Powell

9:15 – 9:30 AM

Review of recent dark matter searches from the Fermi-LAT Collaboration

Speaker
Dr MATTIA DI MAURO

9:30 – 9:45 AM

Dark Matter Interpretation of the Fermi-LAT Observations Toward the Outer Halo of M31

Speaker
Dr Chris Karwin

9:45 – 10:00 AM

A New Mask for An Old Suspect: Testing the Sensitivity of the Galactic Center Excess to the Point Source Mask

Speaker
Yiming Zhong

10:00 AM