

Session Program

Sep 2 - 4, 2026



Probe Combination for Dark Matter Physics in the Era of Large Surveys

Alternative DM models 2

KICP, University of Chicago, 401
University of Chicago Kavli Institute for Cosmological Physics 5640 S Ellis Ave, Chicago, IL 60637

Thu, September 3

9:00 AM

Alternative DM models 2

Session |
Location: KICP, University of Chicago, 401, University of Chicago Kavli Institute for Cosmological Physics 5640 S Ellis Ave, Chicago, IL 60637

9:00 – 9:23 AM	Review: Alternative dark matter models and small-scale structure Speaker Mariangela Lisanti
9:23 – 9:35 AM	The Cooling Curve is All You Need: A Framework for Characterising Dissipation in Dark Sectors Speaker Sandip Roy
9:35 – 9:47 AM	Forward Modeling of MW Satellites for Dark Matter Inference in the Large-Survey Era Speaker Soumyodipta Karmakar
9:47 – 9:59 AM	From Intact Dwarf Galaxies to Stellar Streams: Cosmological Tests of Self-Interacting Dark Matter Speaker Maya Silverman
9:59 – 10:11 AM	Dark Matter with the Via Project Speaker Vedant Chandra
10:11 – 10:25 AM	Discussion

10:25 AM