

Dark Matter Workshop Schedule

Friday March 8

9:40 Opening Comments

10:00 Shuichi Kunori "Dark Matter Searches at CMS"

10:30 Sean Tulin "Particle physics implications for small scale structure problems"

11:00-11:30 Coffee Break

11:30 Masahide Yamaguchi "Evolution and thermalization of dark matter axions in the condensed regime"

12:00-2:00 Lunch Break

2:00 David Marsh "Ultralight Axion Dark Matter as a Probe of the Energy Scale of Inflation"

2:30 Jiji Fan "Partially Dissipative Dark Matter"

3:00 Yu Gao "Hadronization Enhanced Gamma Ray Signals in Cosmic Proton-Wimp Collisions"

3:30 - 4:00 Coffee Break

4:00 Danny Marfatia "Aspects of IVDM"

4:30 Tianjun Li "The Testable Flipped SU(5) Models"

5:30 - 7:30 Reception - 5th Floor Mitchell Institute

Saturday March 9

9:30 Andrew Nelson "SUSY and non-SUSY searches for dark matter at ATLAS"

10:00 Michael Ratz "On the cosmological moduli and gravitino problems"

10:30-11:00 Coffee Break

11:00 Wei Xue "Massless and Massive Dark Force"

11:30 Adrienne Erickcek "Using Dark Matter to Probe the Early Universe"

12:00-2:00 Lunch Break

2:00 Rouzbeh Allahverdi "Nonthermal Dark Matter and Baryogenesis"

2:30 Michele Cicoli "Dark radiation from string compactifications"

3:00 Joel Sander "SuperCDMS"

3:30 - 4:00 Coffee Break

4:00 Michael Graesser "Long Distance QCD corrections to dark matter direct detection scattering"

4:30 Daniel Chung (TBA)

5:00 Kuver Sinha "Probing Dark Matter with Vector Boson Fusion and Top Squark Decays at the LHC"

5:30 Robert Webb (LUX)

7:00 Banquet Dinner (meet in lobby at 6:30 for bus ride)

Sunday March 10

9:30 Graciela Gelmini (TBA)

10:00 Niayesh Ashfordi "Tales of Dark Matter on small scales"

10:30-11:00 Coffee Break

11:00 Tao Han "Dark Matter and Higgs Bosons in MSSM"

11:30 Stuart Raby (TBA)

12:00-2:00 Lunch Break

2:00 Pearl Sandick (TBA)

2:30 Alexei Safonov "TeV Scale Dark Matter and Hidden Sectors: Searches Using Lepton Jet Signatures at the LHC"

3:00 Kris Sigurdson (TBA)

3:30 - 4:00 Coffee Break

4:00 Josh Ruderman "Blindspots for SUSY Dark Matter"

4:30 Ran Lu (TBA)

5:00 Closing Remarks