

2017 Meeting of the APS Division of Particles and Fields (DPF 2017)

Monday, July 31, 2017

Dark Matter: Monday morning - Hornets Nest (10:45 AM - 12:15 PM)

-Conveners: Rafael Lang

time	[id] title	presenter
10:45 AM	[M15] Dark matter collider at DUNE: relativistic scattering of boosted dark matter	Dr SHIN, Seodong
11:00 AM	[M19] The SuperCDMS Soudan High Mass Analysis	Mr CORNELL, Brett
11:15 AM	[M22] Dark Matter Search Results from the PICO-60 C3F8 Bubble Chamber	Dr HARRIS, Orin
11:30 AM	[M44] The SENSEI project	Dr TIFFENBERG, Javier
11:45 AM	[M45] The DAMIC Experiment at SNOLAB	Dr ESTRADA, Juan
12:00 PM	[M71] Light Dark matter eXperiment	WHITBECK, Andrew Dr SCHUSTER, Philip

Dark Matter: Monday afternoon - Hornets Nest (1:30 PM - 3:15 PM)

-Conveners: Enectali Figueroa-Feliciano

time	[id] title	presenter
1:30 PM	[M87] LUX, and the Combating of the Lamppost Effect	Prof. SZYDAGIS, Matthew
1:45 PM	[M84] First Dark Matter Search Results from the XENON1T Experiment	TUNNELL, Chris
2:00 PM	[M20] The XENONnT Dark Matter Experiment	Prof. NI, Kaixuan
2:15 PM	[M18] The LUX-Zeplin Dark Matter Search: detector design and sensitivity	MONZANI, Maria Elena
2:30 PM	[M05] Background Simulations for the LUX-ZEPLIN Experiment	Dr COTTLE, Amy
2:45 PM	[M9] ADMX - axion dark matter experiment	BOWRING, Daniel
3:00 PM	[M50] Emission of Photons and Relativistic Axions from Axion Stars	Mr MOHAPATRA, Abhishek

Tuesday, August 1, 2017

Dark Matter: Tuesday morning - Hornets Nest (10:45 AM - 12:15 PM)

-Conveners: Rafael Lang

time	[id] title	presenter
10:45	A106] Flavored Dark Matter and a Secret Asymmetry	Prof. KILIC, Can
11:00	A105] Sommerfeld-Enhanced J-Factors For Dwarf Spheroidal Galaxies	KUMAR, Jason
11:15	A148] Searches for dark matter with the Super-Kamiokande detector	Ms FRANKIEWICZ, Katarzyna
11:30	A112] Dark Matter Searches with HAWC	Dr HARDING, J. Patrick
11:45	A112] Supersymmetric Resonant Dark Matter: an Explanation to AMS-02 Positron Excess	BERGER, Joshua
12:00	A117] Explaining Diverse Rotation Curves of Spiral Galaxies with Self-Interacting Dark Matter	REN, Tao

Dark Matter: Tuesday afternoon - Hornets Nest (1:30 PM - 3:15 PM)

-Conveners: Enectali Figueroa-Feliciano

time	[id] title	presenter
1:30	F105] Search for new physics phenomena using events with missing transverse momentum and a Higgs boson decaying into two photons at $\sqrt{s} = 13$ TeV with the ATLAS experiment	Dr ZHOU, Chen
1:45	F132] Search for Dark Matter Produced in Association with a Higgs Boson Decaying to $b\bar{b}$ at $\sqrt{s} = 13$ TeV with the ATLAS Experiment	Mr YIGITBASI, Efe
2:00	F142] Search for dark matter produced in association with a hadronically decaying vector boson at the ATLAS experiment	Mr GUO, Yicheng
2:15	F180] Search for invisible decay of a dark photon produced in e^+e^- collisions at BaBar	Dr MIYASHITA, Tomonari
2:30	F181] Search for muonic dark force at BABAR	ECHENARD, Bertrand
2:45	F116] An Indirect Search for Weakly Interacting Massive Particles in the Sun Using Upward-Going Muons in NOvA	PRINCIPATO, Cristiana
3:00	F117] The Potential of the ILC for Discovering New Particles	Prof. BAER, Howard