

CIPANP 2018 - Thirteenth Conference on the Intersections of Particle and Nuclear Physics

Tuesday, 29 May 2018

Dark Matter: Parallel 1 — Dark Matter and Hadronic Systems - South Foyer | Pinon Room (14:00 - 15:40)

-Conveners: Reina Maruyama

time	[id] title	presenter
14:00	[32] Dark Matter Interpretation of the Neutron Decay Anomaly	Dr FORMAL, Bartosz
14:20	[58] Search for Dark Matter Decay of the Free Neutron from the UCNA Experiment: $n \rightarrow \chi + e^+ + e^-$	Dr SWANK, Christopher
14:40	[21] Dark Decay of the Neutron	Dr CORNELL, Jonathan
15:00	[99] Composite Dark Matter	Dr RINALDI, Enrico
15:20	[359] Sexaquark Dark Matter	FARRAR, Glennys

Dark Matter: Parallel 2 — Axions and Light Mass Dark Matter - South Foyer | Pinon Room (16:10 - 18:30)

-Conveners: Reina Maruyama

time	[id] title	presenter
16:10	[331] Experimental Signatures of Ultra-Light Dark Matter	RAJENDRAN, Surjeet
16:30	[273] Recent Results from the Axion Dark Matter Experiment (ADMX)	Dr CAROSI, Gianpaolo
16:50	[357] Status and Future Plans for the HAYSTAC Experiment	Prof. VAN BIBBER, Karl
17:10	[241] DM Radio: An Optimized Resonant Search for Axion and Hidden-Photon Dark Matter	Mr CHAUDHURI, Saptarshi
17:30	[57] ABRACADABRA: A New Approach to the Search for Axion Dark Matter	OUELLET, Jonathan
17:50	[228] Probing Sub-GeV Dark Matter with Superfluid Helium	MCKINSEY, Daniel
18:10	[184] The Light Dark Matter eXperiment	MORENO, Omar

Thursday, 31 May 2018

Dark Matter: Parallel 5 — Light Mass Dark Matter - South Foyer | Pinon Room (14:00 - 15:40)

-Conveners: Matt Pyle; George Fuller

time	[id] title	presenter
14:00	[358] Supernova 1987A Constraints on Sub-GeV Particles	Dr MCDERMOTT, Samuel
14:20	[262] Initial Dark Matter Results from the SuperCDMS Single-Charge Sensitive Detectors	Dr PONCE, Francisco
14:40	[64] Status and Prospects of CDEX-10	Dr YUE, qian
15:00	[371] SENSEI Experiment for Direct Search of Light Dark Matter	Dr FERNANDEZ MORONI, Guillermo
15:20	[300] keV Sterile Neutrinos as Dark Matter and the 3.5 keV Line	ABAZAJIAN, Kev

Dark Matter: Parallel 6 — High Mass Dark Matter - South Foyer | Pinon Room (16:10 - 18:30)

-Conveners: George Fuller; Matt Pyle

time	[id] title	presenter
16:10	[332] Searching for Ultra-Heavy Dark Matter	RAJENDRAN, Surjeet
16:30	[324] Darkside Status and Prospects	Mr PAGANI, Luca
16:50	[239] Results and Plans for the PICO Dark Matter Bubble Chamber	Prof. NOBLE, Anthony
17:10	[101] The Latest Analyses of the LUX Dark Matter Project	SZYDAGIS, Matthew
17:30	[271] LUX Sensitivity to Effective Field Theory Interactions	Dr LARSEN, Nicole
17:50	[202] Position Reconstruction Using Photon Timing for the DEAP-3600 Liquid Argon Dark Matter Experiment	Dr CHEN, Yu
18:10	[307] COSINE-100 and Tests of DAMA	MARUYAMA, Reina

Friday, 1 June 2018

Dark Matter: Parallel 7 — Dark Matter in Astrophysics - South Foyer | Pinon Room (14:00 - 15:40)

-Conveners: George Fuller

time	[id] title	presenter
14:00	[335] Dark Matter Interpretation of the Galactic Center Gamma Ray Excess	Dr KEELEY, Ryan
14:30	[224] GAPS: a New Cosmic-Ray Antimatter Experiment	QUINN, Sean
15:00	[164] Cosmological Bounds on Non-Abelian Dark Forces	FORESTELL, Lindsay
15:20	[155] Signatures of Superradiant Axions from Lasing and Binary Merger Events	SEN, Srimoyee