

SUSY 2015, 23rd International Conference on Supersymmetry and Unification of Fundamental Interactions

Monday 24 August 2015

Particle Cosmology - Bay (14:30 - 16:00)

-Conveners: Benjamin Safdi

time	[id] title	presenter
14:50	[199] A Photon Line From Decaying Goldstini Dark Matter	THOMAS, Zachary
15:10	[183] Monochromatic Gamma Rays from Dark Matter Annihilation to Leptons	COOGAN, Adam
15:30	[72] Indirect and direct detection of sneutrino dark matter	ARINA, Chiara

Particle Cosmology - Bay (16:30 - 18:10)

-Conveners: Yuhsin Tsai

time	[id] title	presenter
16:30	[146] Evidence for Unresolved Gamma-Ray Point Sources in the Inner Galaxy	SAFDI, Benjamin
16:50	[187] Sensitivity of CTA to dark matter annihilations in the galactic centre	WILLIAMS, Andrew
17:10	[64] Dark Photons from the Sun	TANEDO, Flip
17:30	[167] Looking for Dark Matter in Dwarf Spheroidal Galaxies	VALLI, Mauro
17:50	[216] Gravo-thermal evolution of galactic dark matter halos with velocity-dependent self-interactions	ZHONG, Yiming

Tuesday 25 August 2015**Particle Cosmology - Bay (14:30 - 16:00)****-Conveners: Harry Nelson**

time	[id] title	presenter
14:30	[203] The XENON Dark Matter Search Program	TUNNELL, Chris
14:50	[164] The Latest Results From the LUX Dark Matter Experiment	Prof. SZYDAGIS, Matthew
15:10	[213] The LZ Dark Matter detector	MONZANI, Maria Elena
15:30	[178] DEAP underground in Canada: the DEAP-3600 dark matter search	Dr SMITH, Benjamin

Particle Cosmology - Bay (16:30 - 18:15)**-Conveners: Matthew Kleban**

time	[id] title	presenter
16:30	[279] Recent Developments from the Effective Field Theory of Large Scale Structures	SENATORE, Leonardo
16:55	[248] The relic density of heavy neutralinos	BHARUCHA, Aoife DIGHERA, Francesco
17:15	[208] A Hidden Dark Matter Sector, Dark Radiation, and the CMB	Mr HONG, Sungwoo
17:35	[93] Towards a Supersymmetric Description of the Fermi Galactic Center Excess	Dr RIZZO, Thomas
17:55	[222] Affleck-Dine Sneutrino Inflation	EVANS, Jason

Thursday 27 August 2015

Particle Cosmology - Bay (14:00 - 16:00)

-Conveners: **Jing Shu**

time	[id] title	presenter
14:00	[214] Tight Scrutiny of Electroweak Phase Transitions.	RAMANI, Harikrishnan
14:20	[185] Ratchet Baryogenesis during reheating	Mrs YAMASHITA, Kimiko
14:40	[154] Axino LSP Baryogenesis and Dark Matter	SHIN, Chang Sub
15:00	[308] A Manifestly Local Theory of Vacuum Energy Sequestering	ZAHARIADE, George
15:20	[151] Thermal goldstino production at low reheating temperatures	MONTEUX, Angelo
15:40	[201] Generating Luminous and Dark Matter During Inflation	BARRIE, Neil

Particle Cosmology - Bay (16:30 - 18:10)

-Conveners: **Priscilla Pani**

time	[id] title	presenter
16:30	[314] Dark Matter Annihilation Decay at the LHC	Dr TSAI, Yuhsin
16:50	[180] Light Pseudoscalars and Coy Dark Sectors at the LHC	KOZACZUK, Jonathan
17:10	[100] Detecting Dipolar Dark Matter in Beam Dump Experiment	RAO, Soumya
17:30	[184] Gravitational Interaction of The Higgs and Dark Matter	Dr REN, Jing
17:50	[217] Light dark Higgs and the role of isospin violating effect	JIANG, YUN

Friday 28 August 2015

Particle Cosmology - Bay (14:00 - 16:00)

-Conveners: Raphael Flauger

time	[id] title	presenter
14:00	[278] Constraints on Axion Inflation from the Weak Gravity Conjecture	RUDELIUS, Tom
14:25	[209] Mu-term Hybrid Inflation with Low Energy Consequences	Prof. SHAFI, Qaisar
14:45	[40] Higgs inflation after Planck	Prof. PARK, Seongchan
15:05	[34] Constraining multifield inflation and supersymmetry breaking in no-scale supergravity	GARCIA GARCIA, Marcos A
15:25	[210] Spinodal Backreaction During Inflation and Initial Conditions	SANDORA, McCullen

Particle Cosmology - Bay (16:30 - 18:10)

-Conveners: Haipeng An

time	[id] title	presenter
16:30	[232] Vector Dark Matter via Higgs Portal	DIFRANZO, Anthony
16:50	[149] Dark matter at the LHC: EFTs and gauge invariance	LEANE, Rebecca
17:10	[36] Prospects for SUSY DM after the LHC Run 1	DOLAN, Matthew
17:30	[276] A stable vacuum with vector dark matter	GRZADKOWSKI, Bohdan
17:50	[307] Coannihilating Dark Matter at the LHC	EL HEDRI, sonia