

TeV Particle Astrophysics 2017 (TeVPA 2017)

Tuesday, 8 August 2017

Particle physics - Spartan Room (16:00 - 18:00)

-Conveners: Nicole Bell

time	[id] title	presenter
16:00	[235] New Direct Detection Signals from Dark Matter Bound States	ZHANG, Yue
16:15	[109] Capture and Decay of Electroweak WIMPonium	FITZPATRICK, Patrick
16:30	[130] The LHC Dark Matter Working Group	BOVEIA, Antonio
16:45	[403] Search for long-lived particles at CMS	FRANCIS, Brian
17:00	[404] Search for low mass dijet resonances at CMS	DUARTE, Javier Mauricio
17:15	[405] Rare, Exotic, and Invisible Higgs Decays at CMS	KREIS, Ben
17:30	[257] Global Fits of the MSSM with GAMBIT	CORNELL, Jonathan
17:45	[318] Collider and Indirect Signatures of Non-Minimal Dark Matter sectors	CARPENTER, Linda

Thursday, 10 August 2017

Particle physics - Spartan Room (16:00 - 18:00)

-Conveners: Pavel Fileviez Perez

time	[id] title	presenter
16:00	[220] Testable Baryogenesis and Leptonic CP Violation in Seesaw Models	Dr SALVADO, Jordi
16:15	[216] Leptogenesis from a First-Order Lepton-Number Breaking Phase Transition	LONG, Andrew
16:30	[232] The MATHUSLA detector: exploring the Lifetime Frontier and Cosmic Ray Physics	CURTIN, David
16:45	[66] A Radiative Neutrino Mass Model with SIMP Dark Matter	Dr TOMA, Takashi
17:00	[262] Searching for Sterile Neutrinos at J-PARC with JSNS ²	JORDAN, Johnathon
17:15	[76] Probing Fuzzy Dark Matter in Neutrino Experiments	Mr BRDAR, Vedran
17:30	[193] Understanding neutron yield from neutrino interactions with ANNIE	Dr TIRAS, Emrah Prof. WETSTEIN, Matthew
17:45	[366] Deep Learning and MicroBooNE to Investigate the MiniBooNE Excess	MOON, Jarrett

Friday, 11 August 2017

Particle physics - Spartan Room (14:00 - 15:30)

-Conveners: Hai-Bo Yu

time	[id] title	presenter
14:00	[252] The milliQan Experiment	HILL, Chris
14:15	[268] Strongly Interacting Dark Matter at Fixed-Target Experiments	BERLIN, Asher
14:30	[207] ν Hopes for New Physics: Probing Weakly Coupled States at Neutrino Detectors	TSAI, Yu-Dai
14:45	[123] GPS Timing Synchronization: Characterization and Spatial Correlation	Mr HALLIDAY, Rob
15:00	[215] Measuring gravitational effects on antimatter in space	Prof. PIACENTINO, Giovanni Maria
15:15	[442] Free	

Particle physics - Spartan Room (16:00 - 18:00)

-Conveners: Asher Berlin

time	[id] title	presenter
16:00	[410] Light scalar at the high energy and intensity frontiers	Dr ZHANG, Yongchao
16:15	[411] Overview of dark matter & exotics searches and prospects at the ATLAS experiment	TAYLOR, Wendy
16:45	[412] Searches for dark matter beyond mono-jets at the ATLAS experiment	WANG, Rui
17:00	[413] Searches for supersymmetric dark matter candidates and long-lived particles with the ATLAS experiment	FARINA, Edoardo Maria
17:15	[414] Searches for BSM Higgs bosons at ATLAS, including rare and invisible decays	OTERO Y GARZON, Gustavo
17:45	[415] Free	