

New Perspectives 2021

Monday, 16 August 2021

Monday (09:15 - 10:45)

time	[id] title	presenter
09:15	[2] Updated Constraints on Pulsar Explanations for Positron Excess	BITTER, Olivia
09:30	[5] Asteroid g-2 experiments: new fifth force and ultralight dark sector tests	Dr YU-DAI, Tsai
09:45	[12] Surrogate modelling of kilonova spectra using conditional variational autoencoders	LUKOSIUTE, Kamile
10:00	[15] Incorporating galaxy cluster triaxiality in stacked cluster weak lensing analyses	ZHANG, Zhuowen
10:15	[20] Bridging the Gap Between Simulations and Survey Data: Domain Adaptation for Merging Galaxy Classification	DOWNEY, Kathryn
10:30	[38] Scientific Computing Division and Me	CIPRIJANOVIC, Aleksandra

Monday (10:45 - 12:30)

time	[id] title	presenter
10:45	[21] Eridanus IV: an Ultra-Faint Dwarf Galaxy Candidate Discovered in the DECam Local Volume Exploration Survey	CERNY, William
11:00	[28] The Hubble Constant in the Axi-Higgs Universe	LUU, Hoang Nhan
11:15	[35] Metamaterial Anti-Reflection Coating Alumina Optics for CMB-S4	GOLEC, Joseph
11:30	[46] Reinforcement Learning for Scheduling Large Survey Telescopes	ZHOU, Sophia
11:45	[67] Understanding the Quasi-Linear Regime in the Halo Model Using Dark Matter Profiles and Gas Profiles of Clusters	Mr RAINA, Anmol
12:00	[42] Modeling the Potential Emission of Binary Black Hole Mergers in AGN Accretion Disks	BACHMANN, Tristan
12:15	[66] Brief Overview of the Axion Dark Matter Experiment (ADMX)	BRAINE, Thomas

Monday (13:00 - 14:30)

time	[id] title	presenter
13:00	[19] The Light Dark Matter eXperiment, LDMX	SOLT, Matthew
13:15	[49] Simulating photonuclear backgrounds in the hadron calorimeter for the Light Dark Matter Experiment	HOROHO, Tyler
13:30	[39] Improving Neutrino Interaction Modeling with Electron Scattering Measurements in LDMX	ZICHI, Laura
13:45	[37] Kaon production in LDMX	GREENSTEIN, Chloe
14:00	[30] Limits on sub-GeV dark matter from PROSPECT experiment	Mr ANDRIAMIRADO, Manoa
14:15	[51] Running with BUFFALO on the Frontier	PAGUL, Amanda