

14th Conference on the Intersections of Particle and Nuclear Physics (CIPANP 2022)

Tuesday, August 30, 2022

HE: Physics at High Energies: HE-1 - Palm Ballroom 4 (1:00 PM - 3:00 PM)

-Conveners: Hector de la Torre Perez; Frank Petriello

time	[id] title	presenter
1:00 P	M208] Overview of the EIC experimental program (25'+5')	ARRATIA, Miguel
1:30 P	M206] LHC/EIC synergy in searches for new physics (25'+5')	BOUGHEZAL, Radja
2:00 P	M207] PDFs from EIC, lattice, and the LHC (25'+5')	HOBBS, Timothy
2:30 P	M43] Measurements of the mass, width and coupling CP structure of the Higgs-boson with the ATLAS detector (20'+5')	MCDOUGALL, Ashley

HE: Physics at High Energies: HE-2 - Palm Ballroom 4 (3:30 PM - 5:30 PM)

-Conveners: Frank Petriello; Hector de la Torre Perez

time	[id] title	presenter
3:30 P	M162] Interpretation of Higgs data within the SMEFT (30'+10')	MIMASU, Ken
4:10 P	M167] Recent CMS results on Higgs physics (30'+10')	CHANG, Philip
4:50 P	M25] Probing the nature of electroweak symmetry breaking with Higgs boson pair-production at ATLAS (15'+5')	ALI, Shahzad
5:10 P	M166] Search for exotic decays of the Higgs boson and additional scalar particles in ATLAS (15'+5')	WEBER, Christian

Wednesday, August 31, 2022

HE: Physics at High Energies: HE-3 - Palm Ballroom 4 , (1:00 PM - 3:00 PM)

-Conveners: Hector de la Torre Perez; Frank Petriello

time	[id] title	presenter
1:00 PM	[M09] LHC new physics searches in the future (30'+10')	LEWIS, Ian
1:40 PM	[M06] Searches for exotic decays of the Higgs boson as a window to the dark sector with the ATLAS detector	FAWCETT, William
2:05 PM	[M04] Searches for new phenomena in final states with 3rd generation quarks using the ATLAS detector (20'+5')	VAN DE WALL, Evan

HE: Physics at High Energies: HE-4 - Palm Ballroom 4 , (3:30 PM - 5:30 PM)

-Conveners: Hector de la Torre Perez; Frank Petriello

time	[id] title	presenter
3:30 PM	[M11] Recent BSM results from CMS (30'+10')	VAMI, Tamas
4:10 PM	[M06] Searches for new physics with leptons using the ATLAS detector (20'+5')	GORISEK, Andrej
4:35 PM	[M07] Searches for resonances decaying to pairs of heavy bosons in ATLAS (20'+5')	AURICCHIO, Silvia

Thursday, September 1, 2022

HE: Physics at High Energies: HE-5 - Palm Ballroom 4 , (3:30 PM - 5:30 PM)

-Conveners: Hector de la Torre Perez; Frank Petriello

time	[id] title	presenter
3:30 P	[M44] Recent CMS SM results (30'+10')	CHANG, Philip
4:10 P	[M15] ATLAS measurements of CP violation and rare decay processes with beauty mesons (20'+5')	WHARTON, Andy
4:35 P	[M8] Multi-boson production and di-boson polarization at ATLAS (20'+5')	Mr SELEM, Luka
5:00 P	[M1] Measurements of the Higgs boson couplings/cross sections and their interpretations at the ATLAS experiment (20'+5')	HAN, Shuo

Saturday, September 3, 2022

HE: Physics at High Energies: Joint HE-DM - Palm Ballroom 1 (1:00 PM - 3:00 PM)

-Conveners: Deborah Pinna; Bjoern Penning; Hector de la Torre Perez; Frank Petriello

time	[id]	title	presenter
1:00 PM	[M30]	Theory intro talk on collider DM	KIM, Doojin
1:25 PM	[M3]	Searches for dark matter with the ATLAS detector	HALEY, Joseph
1:50 PM	[M31]	Searches for DM with CMS with visible signatures	KLIJNSMA, Thomas
2:15 PM	[M01]	Testing feebly interacting dark matter with mono-jet searches	DUTRA, Maíra
2:35 PM	[M33]	CMS Dark Matter Searches: The Dark Sector	RAHMANI, Mehdi