

IAS Program on High Energy Physics (HEP 2024)

Monday 22 January 2024

Conference: Parallel Sessions (Theory): CF-M3-TH02 (16:00 - 18:05)

-Conveners: Antonio Delgado

time	[id] title	presenter
16:00	[570] Axion-like Particle at Higgs Factories and at Super-K	CHEUNG, Kingman
16:25	[571] New Physics Related to Long-lived Particle Search at Colliders	WANG, Xiaoping
16:50	[572] Wide Binary Evaporation by Bosonic Stars	GAO, Yu
17:15	[573] Light Scalars at Future Collider	SONG, Huayang
17:40	[605] SMEFT at Future Lepton Colliders with Machine Learning	GU, Jiayin

Tuesday 23 January 2024

Conference: Parallel Sessions (Theory): CF-Tu3-TH01 (14:00 - 15:40)

-Conveners: Hao Zhang

time	[id] title	presenter
14:00	[575] EFT in Supersymmetry	DELGADO, Antonio
14:25	[576] Single Transverse Spin Asymmetry as a New Probe of SMEFT Dipole Operators	WEN, Xin Kai
14:50	[577] Dark Matter Candidates from U(1) Hidden Sectors	FENG, Wan Zhe
15:15	[578] Possible Anomalous Z Mass from the Model of the Instantaneous Symmetrical Breaking and the Expansion of the Universe	FANG, Yaquan

Wednesday 24 January 2024

Conference: Parallel Sessions (Theory): CF-W3-TH01 (14:00 - 15:40)

-Conveners: Jiayin Gu

time	[id] title	presenter
14:00	[598] Exploring Ultra-Light Wave-Like Dark Matter with Quantum Spin Sensors	LIU, Jia
14:25	[599] Dark Showers from Z - Z' Mixing	JIANG, Xuhui
14:50	[600] Precision Prediction on Heavy Quark Decays	WANG, Jian
15:15	[601] Testing Bell Inequalities in W Boson Pair Production at Higgs Factory	ZHANG, Hao