

IAS Program on High Energy Physics (HEP 2023)

Tuesday, 14 February 2023

Conference: Parallel Sessions (Theory): Day 1 - Session 1: (Tu3-TH01) (14:00 - 15:40)

-Conveners: Yongchao ZHANG

time	[id] title	presenter
14:00	[450] New Physics Opportunities in Triangle Singularity	GAO, Yu
14:20	[451] Origin of Neutrino Masses and Seesaw Effective Field Theories	ZHOU, Shun
14:40	[452] A complete tree-level dictionary between BSM models and SMEFT ($d \leq 7$) operators	LI, Xu-Xiang
15:00	[453] Macroscopic Dark Matter from Cosmic Phase Transitions	LU, Sida

Conference: Parallel Sessions (Theory): Day 1 - Session 2: (Tu3-TH02) (16:00 - 17:40)

-Conveners: Haipeng AN

time	[id] title	presenter
16:00	[454] Fermion Mass Hierarchies and Modulus Stabilisation in Modular-invariant Theories of Flavour [Zoom]	PETCOV, Serguey
16:20	[455] Light Dark Matter [Zoom]	YIN, Wen
16:40	[456] Higgs CP Properties and Their EFT Interpretation	LIU, Bo
17:00	[457] Coupling a Cosmic String to a TQFT [Zoom]	HONG, Sung Woo

Wednesday, 15 February 2023

Conference: Parallel Sessions (Theory): Day 2 - Session 1: (W3-TH01) (14:00 - 15:40)

-Conveners: Yongchao ZHANG

time	[id] title	presenter
14:00	[466] New Physics at the Forward Physics Facility (FPF) [Zoom]	CHEUNG, Kingman
14:25	[467] GW from Early Phase Transition	AN, Haipeng
14:50	[474] Inert Doublet Model [Zoom]	GONG, Bin
15:15	[468] Astro & Particle Physics Relevant	WU, Yusheng

Conference: Parallel Sessions (Theory): Day 2 - Session 2: (W3-TH02) (16:00 - 17:40)

-Conveners: Hao ZHANG

time	[id] title	presenter
16:00	[469] Tau Polarization Measurement at FCC-ee [Zoom]	BRIENT, Jean-Claude
16:25	[470] Representation of Fermions in Pati-Salam Model [Zoom]	LI, Desheng
16:50	[471] High-quality Axion in the Grand Unified Theories Beyond the SU(5) [Zoom]	CHEN, Ning
17:15	[475] Testing Neutrino Dipole Portal at Electron Colliders and at the LHC by Long-lived Particle Detectors [Zoom]	ZHANG, Yu