

Conference - Parallel Session: Theory
(HKT | GMT+8) Feb 14 - 15, 2023 at 14:00 - 18:00

Zoom Link: <https://hkust.zoom.us/j/99844980845?pwd=Ujh2UkR1MHVCbTlyZk53WWpkeGdHZz09>

Zoom ID: 998 4498 0845

Passcode: 2023TH



		Feb 14, 2023 (Tue) [Day 1]		Feb 15, 2023 (Wed) [Day 2]	
		Chair: Yongchao Zhang (Southeast U)		Chair: Yongchao ZHANG (Southeast U)	
		Title	Speaker	Title	Speaker
Tu3-TH01	14:00 - 14:25	New Physics Opportunities in Triangle Singularity	Yu GAO (IHEP)	New Physics at the Forward Physics Facility (FPF) [Zoom]	Kingman CHEUNG (National Tsinghua U)
	14:25 - 14:50	Origin of Neutrino Masses and Seesaw Effective Field Theories	Shun ZHOU (IHEP)	GW from Early Phase Transition	Haipeng AN (Tsinghua U)
	14:50 - 15:15	A complete tree-level dictionary between BSM models and SMEFT ($d \leq 7$) operators	Xuxiang LI (Peking U)	Inert Doublet Model [Zoom]	Bin GONG (IHEP)
	15:15 - 15:40	Macroscopic Dark Matter from Cosmic Phase Transitions	Sida LU (HKUST)	Astro & Particle Physics Relevant	Yusheng WU (U of Science and Technology of China)
	15:40 - 16:00	Break		Break	
		Chair: Haipeng AN (Tsinghua U)		Chair: Hao ZHANG (IHEP)	
		Title	Speaker	Title	Speaker
Tu3-TH02	16:00 - 16:25	Fermion Mass Hierarchies and Modulus Stabilisation in Modular-invariant Theories of Flavour [Zoom]	Serguey PETCOV (SISSA)	Tau Polarization Measurement at FCC-ee [Zoom]	Jean-Claude BRIENT (Ecole Polytechnique)
	16:25 - 16:50	Light Dark Matter [Zoom]	Wen YIN (Tohoku U)	Representation of Fermions in Pati-Salam Model [Zoom]	Desheng LI (Hunan Institute of Engineering)
	16:50 - 17:15	Higgs CP Properties and Their EFT Interpretation	Bo LIU (IHEP)	High-quality Axion in the Grand Unified Theories Beyond the SU(5) [Zoom]	Ning CHEN (Nankai U)
	17:15 - 17:40	Coupling a Cosmic String to a TQFT [Zoom]	Sungwoo HONG (KAIST)	Testing Neutrino Dipole Portal at Electron Colliders and at the LHC by Long-lived Particle Detectors [Zoom]	Yu ZHANG (Hefei U of Technology)