

Conference - Parallel Session: Theory
Jan 22 - 23, 2024 at 14:00 - 18:00

		Jan 22, 2024 (Mon) [Day 1]		Jan 23, 2024 (Tue) [Day 2]		Jan 24, 2024 (Wed) [Day 3]			
M3-TH01		Free Time		Tu3-TH01	Chair: Hao ZHANG (IHEP)		W3-TH01	Chair: Jiayin GU (Fudan U)	
					Title	Speaker		Title	Speaker
	14:00 - 14:25				Supersymmetric EFT	Antonio DELGADO (U of Notre Dame)		Exploring Ultra-Light Wave-Like Dark Matter with Quantum Spin Sensors	Jia LIU(PKU)
	14:25 - 14:50				Single Transverse Spin Asymmetry as a New Probe of SMEFT Dipole Operators	Xin Kai WEN (PKU)		Dark Showers from Z - Z' Mixing	Xuhui JIANG (IHEP)
	14:50 - 15:15				Dark Matter Candidates from U(1) Hidden Sectors	Wan Zhe FENG (Tianjin U)		Precision Prediction on Heavy Quark Decays	Jian WANG (Shandong U)
15:15 - 15:40	Possible Anomalous Z Mass from the Model of the Instantaneous Symmetrical Breaking and the Expansion of the Universe	Yaquan FANG (IHEP)	Testing Bell Inequalities in W Boson Pair Production at Higgs Factory	Hao ZHANG (IHEP)					
	15:40 - 16:00	Break			Break		Break		
M3-TH02		Chair: Antonio DELGADO (U of Notre Dame)		Tu3-TH02	Members are invited to attend IAS Distinguished Lecture:- Speaker: Prof. John ELLIS, King's College London/CERN Title: Gravitational Waves: Echoes of the Biggest Bangs Since the Big Bang Venue: IAS LT Time: 4 - 5:30pm		W3-TH02	Free Time	
		Title	Speaker						
	16:00 - 16:25	Axion-like Particle At Higgs Factories and at Super-K	Kingman Cheung (National Tsinghua U)						
	16:25 - 16:50	New Physics Related to Long-lived Particle Search at Colliders	Xiaoping WANG (Beihang U)						
	16:50 - 17:15	Wide Binary Evaporation by Bosonic Stars	Yu GAO (IHEP)						
	17:15 - 17:40	Light Scalars at Future Collider	Huayang SONG (Institute of Theoretical Physics, CAS)						
17:40 - 18:05	SMEFT at Future Lepton Colliders with Machine Learning	Jiayin GU (Fudan U)							