

IAS Program on High Energy Physics 2021

Conference - Parallel Session: Theory

(HKT | GMT+8) January 19 - 21 at 16:00 - 18:00

Format of Talk: 20-min Presentation + 4-min/ 5-min Q&A

	January 19, 2021 (Tuesday)		January 20, 2021 (Wednesday)		January 21, 2021 (Thursday)		
	Chair: Cen ZHANG (Institute of High Energy Physics, Chinese Academy of Sciences)		Chair: Haipeng AN (Tsinghua University)		Chair: Xiaoping WANG (Beihang University)		
	Title	Speaker	Title	Speaker	Title	Speaker	
Afternoon	16:00 - 16:24	On RG Flows near a UV and Quantum, 1st Order Phase Transition - A Profile of a Higgs Mechanism	Fotis KOUTROULIS (National Technical University of Athens)	Long-lived Particle Searches at Colliders	Jia LIU (Peking University)	Mass Unspecific Supervised Tagging (MUST) for Boosted Jets	João SEABRA (Instituto Superior Técnico)
	16:24 - 16:48	Calculating Cp Invariance Using Weak Basis Invariants in Hybrid Textures of Neutrino Mass Matrix	Madan SINGH (M. N. S Government College Bhiwani)	Higgs Alignment and Novel CP-Violating Observables in 2HDM	Xiaoping WANG (Beihang University)	Global Analysis of the Charged Lepton Flavor Violation Effects	Bin YAN (Los Alamos National Laboratory)
	16:48 - 17:12	Vector-Like Leptons and Inert Scalar Triplet: Lepton Flavor Violation, $g-2$ and Collider Searches	Álvaro JESUS (International Institute of Physics / Federal University of Rio)	Probing EWPT in 2HDM with Future Lepton Colliders	Wei SU (University of Adelaide)	Precision Higgs Couplings in Neutral Naturalness Models	Huayang SONG (University of Arizona)
	17:12 - 17:36	Improved $(g-2)_\mu$ Measurements and Supersymmetry	Sven HEINEMEYER (Spanish National Research Council (CSIC))	CP-violating Higgs Di-tau Decay at Future Lepton Colliders	Shao-Feng GE (Tsung-Dao Lee Institute, Shanghai Jiao Tong University)	Looking for Beyond Standard Model Short-lived Particles with Secondary Production	Krzysztof JODLOWSKI (National Centre for Nuclear Research)
	17:36 - 18:00	Dead or Alive? Implications of the Muon Anomalous Magnetic Moment for 3-3-1 Models	Yoxara Sánchez VILLAMIZAR (International Institute of Physics, Federal University of Rio Grande do Norte)	Gravitational Microlensing by Dark Matter Subhalos and Boson Stars	Zihui WANG (New York University)	Status of the Multi-lepton Anomalies at the LHC and its Implications	Bruce Mellado GARCIA (University of the Witwatersrand)
	18:00 - 18:25			Probing Dark Matter with future CMB measurements	Junsong CANG (Institute of High Energy Physics, Chinese Academy of Sciences)	Probing B-L Models and the Seesaw from Displaced Vertex Signal	Wei LIU (Nanjing University of Science and Technology)
	18:25 - 18:50			Stellar Limits on a Light Scalar	Yongchao ZHANG (Southeast University)		