

## Conference - Parallel Session: Experiment and Detector

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

Zoom Link: <https://hkust.zoom.us/j/91736250137?pwd=cWFac3hISEI1SEVIMWN0NmVnMU5xZz09>

Zoom ID: 917 3625 0137

Passcode: 2023ED



		Feb 14, 2023 (Tue) [Day 1]		Feb 15, 2023 (Wed) [Day 2]		
		Chair: Yong LIU (IHEP)		Chair: Yaquan FANG (IHEP)		
		Title	Speaker	Title	Speaker	
Tu3-EP01	14:00	IR Design for High Lumi & Low Background <b>[Zoom]</b>	Michael K. SULLIVAN (SLAC)	W3-EP01	New Physics Search at CEPC	Xuai ZHUANG (IHEP)
	14:20				Search for Dark Matter in the Events with Missing Transverse Momentum at Colliders	Jinfei WU (IHEP)
	14:25	Update of CEPC Lumical Design	Suen HOU (Institute of Physics)		Searching for Quirk Signal at the LHC	Junle PEI (IHEP)
	14:40				Alternative Signatures of Exotic Particles at Futurelinear Colliders <b>[Zoom]</b>	Nilanjana KUMAR (SGT U)
	14:50	Study of Beam Background for the CEPC	Haoyu SHI (IHEP)		Quantum computing for CEPC/HEP <b>[Zoom]</b>	Abdualazem Fadol MOHAMMED Ebrahim (IHEP)
	15:00				Study of Radiation Protection for the CEPC	Guangyi TANG (IHEP)
	15:15					
	15:20					
Tu3-EP02	15:40 - 16:00	Break		Break		
		Chair: Xuai ZHUANG (IHEP)		Chair: Yiming LI (IHEP)		
		Title	Speaker	Title	Speaker	
	16:00 - 16:25	CEPC Higgs Physics Update	Yaquan FANG (IHEP)	Preliminary Design of the CEPC det. Hall and Detector Installation Scheme	Junsong ZHANG (IHEP)	
	16:25 - 16:50	Searches for BSM Higgs Decays at CMS	Mingshui CHEN (IHEP)	CEPC Beam Energy/Polarization Measurement <b>[Zoom]</b>	Yongsheng HUANG (Zhongshan U)	
	16:50 - 17:15	Higgs to Fermion Couplings @ LHC	Huaqiao ZHANG (IHEP)	Status Report from LCTPC	Huirong QI (IHEP)	
	17:15 - 17:40	Investigating Higgs Self-interaction through Di-Higgs Plus Jet Production	Hao ZHANG (IHEP)			
	17:40 - 18:00	Higgs Global Analysis	Gang LI (IHEP)			