

Conference - Parallel Session: Experiment and Detector
Jan 14 - 15, 2024 at 14:00 - 18:00

		Jan 14, 2025 (Tue) [Day 1]		Jan 15, 2025 (Wed) [Day 2]		
		Chair: Yiming LI (IHEP)		Chair: Kai YI (Nanjing Normal U)		
		Title	Speaker	Title	Speaker	
Tu3-ED01	14:00 - 14:20	CEPC ECAL Activities & Highlights	Yong LIU (IHEP)	CEPC New Physics White Paper Studies	Xuai ZHUANG (IHEP)	
	14:20 - 14:40	CEPC Stereo Xstal ECAL	Huaqiao ZHANG (IHEP)	CEPC Flavor Physics White Paper Status	Lorenzo CALIBBI (Nankai University)	
	14:40 - 15:00	Cyber PFA for the CEPC Ref TDR	Fangyi GUO (IHEP)	CKM Elements Measurements at the CEPC	Shanzhen CHEN (IHEP)	
	15:00 - 15:20	Pixelated Readout Time Projection Chamber Technology R&D for Future Circular Collider	Huirong QI (IHEP)	Time-Dependent Precision Measurement of $B_s^0 \rightarrow \phi\mu^+\mu^-$ Decay at FCC-ee	Tsz Hong KWOK (University of Zurich)	
	15:20 - 15:40	1-1 Correspondence Reconstruction and Color Singlet Identification at the CEPC	Yuxin WANG (IHEP)	Experimental Road to a Charming Family of Tetraquark and Beyond	Kai YI (Nanjing Normal U)	
	15:40 - 16:10	Break		Break		
Tu-ED02	Chair: Yong LIU (IHEP)		Chair: Xuai ZHUANG (IHEP)			
			Title	Speaker	Title	Speaker
	16:10 - 16:30	CEPC Beam Background & MDI	Haoyu SHI (IHEP)	Application of Deep ML at Simulation and Jet Tagging	Qibin LIU (Shanghai Jiaotong U)	
	16:30 - 16:50	Development of the CEPC VTX Prototype	Ying ZHANG (IHEP)	Automatizing the search for mass resonances using BumpNet	Michael Kwok Lam CHU (Weizmann Institute of Science (IL))	
	16:50 - 17:10	CEPC CMOS Strip Tracker [Zoom]	Xin SHI (IHEP)	Recent Progress of DarkSHINE R&D	Kun LIU (Shanghai Jiaotong U)	
	17:10 - 17:30	LGAD Based Timing Detector for the Future Collider	Mei ZHAO (IHEP)	Innovative Axion Detection via Resonantly Enhanced Photon Regeneration in Penning Traps	Jie FENG (Sun Yat Sen U)	
	17:30 - 17:50	Development of HVCMOS in 55 nm Process for Future Tracking Detectors	Yiming LI (IHEP)	LLP Searches with Codex-b	Bingxuan LIU (CERN)	
	17:50 - 18:10	Performance and Background Analysis of CEPC Vertex Detector	Hancen LU (IHEP)			