

Conference - Parallel Session: Experiment and Detector
Jan 22 - 24, 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-ED01		Chair: Yaquan FANG (IHEP)		Chair: Roberto FERRARI (INFN Pavia)		Chair: Suen HOU (Accademia SINICA)	
		Title	Speaker	Title	Speaker	Title	Speaker
	14:00	LHC Higgs Highlights	Chen ZHOU (PKU)	CPEC Calorimeters R&D: Status & Highlights	Yong LIU (IHEP)	Beam Induced Backgrounds at the CEPC	Haoyu SHI (IHEP)
	14:25	New Physics at CEPC	Xuai ZHUANG (IHEP)	The Status of the GS-HCAL of CEPC [Zoom]	Peng HU (IHEP)	A TPC with Micromegas-based Readout at the Central Tracker for Future Colliders	Serguei GANJOUR (CEA)
	14:30			The R&D of the New Glass Scintillator for CEPC HCAL	Zehao HUA (IHEP)	Perspectives for TPCs at Higgs/Electroweak Factories	Paul COLAS (CEA)
	14:50	Highlights from LHCb	Shanzhen CHEN (IHEP)	Exploring the BSM Potential of Anomalous Neutral Gauge Couplings and Electroweak Phase Transition with CEPC Detector Simulation	Shu LI (Shanghai Jiaotong U)	Buffer Time (15:30 - 15:40)	
	15:00	Top Quark Measurement at the CEPC	Xiaohu SUN (PKU)			Break	
	15:15			Break		Break	
15:30	Break		Break		Break		
15:40 - 16:00	Break		Break		Break		
M3-ED02		Free Time		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		Chair: Liangjian WEN (IHEP)	
						Title	Speaker
	16:00					Advanced Reconstruction: jet origin id, PFA	Manqi RUAN (IHEP)
	16:30					Accelerated AI for Particle Physics	Shih-Chieh HSU (U of Washington)
	17:00					A SiPM Based Platform of Random Bit Streamers (Random Power)	Massimo CACCIA (Università dell'Insubria & INFN-Milano)
17:30	Jet Flavor Tagging Using AI Tools	Taikan SUEHARA (U of Tokyo)					