

Mini Workshop: Experiment and Detector (IAS1038)

Jan 17 - 18, 2024 at 09:00 - 18:00

		Jan 17, 2024 (Wed) [Day 1]		Jan 18, 2024 (Thu) [Day 2]		
W-ED01		Chair: Zhijun LIANG (IHEP)		Th-ED01	Chair: Mingyi DONG (IHEP)	
		Title	Speaker		Title	Speaker
	9:00:00 AM	Drift Chamber for CEPC	Mingyi DONG (IHEP)		CEPC Vertex R&D	Zhijun LIANG (IHEP)
	9:30:00 AM	The IDEA Preshower and Muon Detection System	Francesco CHIAPPONI (Universita e INFN, Bologna (IT))		Development of HVCMOS in 55 nm Process for Tracing [Zoom]	Yiming LI (IHEP)
	10:00:00 AM	LGAD Based 4D Outer Tracker Development for CEPC	Mengzhao LI (IHEP)	CEPC Silicon Strip Outer Tracker	Xin SHI (IHEP)	
W-ED02	10:30 - 11:00	Break		Th-ED02	Break	
		Chair: Liang LI (Shanghai Jiaotong U)			Chair: Xin SHI (IHEP)	
		Title	Speaker		Title	Speaker
	11:00	PFA Reconstruction for the Crystal Bar ECAL for CEPC	Shengsen SUN (IHEP)		LLP search with Deep learning at Lepton Collider	Liang LI (Shanghai Jiaotong U)
	11:30	Reconstruction for Stereo Crystal ECAL	Huaqiao ZHANG (IHEP)		DC for Cluster Counting for the CEPC 4th Concept	Guang ZHAO (IHEP)
11:45	Zhiyu ZHAO (Shanghai Jiaotong U)		High Granularity Readout TPC Technology for CEPC [Zoom]	Huirong QI (IHEP)		
	12:00	R&D of Dark SHINE ECAL				
W-ED03	12:30 - 14:00	Self-arranged Lunch		Th-ED03	Self-arranged Lunch	
		Chair: Yong LIU (IHEP)			Chair: Shengsen SUN (IHEP)	
		Title	Speaker		Title	Speaker
	14:00	Cluster Timing Measurements	Yuzhi CHE (IHEP)		The IDEA Dual Readout Calorimeter	Iacopo VIVARELLI (INFN)
	14:30	Recent Progress on Arbor PFA	Yuexin WANG (IHEP)		GNN Tracking	Shih-Chieh HSU (U of Washington)
14:45	Tianyuan ZHANG (IHEP)		Progress on Jet Origin ID [Zoom]	Yongfeng ZHU (IHEP)		
	15:00	Radiation Hard SiPM Development for CEPC				
W-ED04	15:30 - 16:00	Break		Th-ED04	Break	
		Chair: Haoyu SHI (IHEP)			Free Time	
		Title	Speaker			
	16:00	CEPC Overall Detector Design	Quan JI (IHEP)			
	16:45	CEPC Fast Luminosity Measurement with LGAD	Yunyun FAN (IHEP)			