

Mini Workshop: Experiment and Detector (IAS1038) / Combined Session (IAS LT)

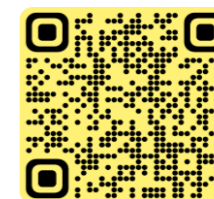
(HKT | GMT+8) Feb 12 - 13, 2023 at 09:00 - 18:00

Zoom Link (Experiment and Detector + Combined Session):

<https://hkust.zoom.us/j/94682619734?pwd=cnNDV0xtS3lUMnU0SkQveGYwQXkxQT09>

Zoom ID: 946 8261 9734

Passcode: 2023ED



		Feb 12, 2023 (Sun) [Day 1]		Feb 13, 2023 (Mon) [Day 2]		
S-ED1	9:00:00 AM	Chair: Zhijun LIANG (IHEP)		Chair: Jia LIU (Peking U)		
		Title	Speaker	Title	Speaker	
		VTX Detector Prototype and Progress	Tianya WU (IHEP)	Atom Interferometer Experiments to Search for Ultralight Dark Matter and Gravitational Waves [Zoom]	John ELLIS (CERN and King's College)	
		Progress of Silicon Tracker for the CEPC	Yiming LI (IHEP)	FASER Experiment at HL-LHC	Shin-Chieh HSU (U of Washington) Ke LI (U of Washington)	
		Jadepix 3 Telescope Activities	Sheng DONG (IHEP)	New Physics Searches at EIC	Keqing XIE (U of Pittsburgh)	
		CEPC ToF Detector R&D Using LGAD	Yunyun FAN (IHEP)	Study Neutrinos at Future Muon Collider	Qiang LI (Peking U)	
10:20:00 AM	Pixel Detector R&D for EICC [Zoom]	Chengxin ZHAO (Institute of Modern Physics)	Pheno Demands for Future Colliders	Zhen LIU (U of Minnesota)		
S-ED2	10:40:00 AM	Break		Break		
		Chair: Lorenzo CALIBBI (Nankai U)		Chair: Gang LI (IHEP)		
		Title	Speaker	Title	Speaker	
		11:00	New Results on Lepton Flavour Universality Tests [Zoom]	Shanzen CHEN (IHEP)	Status of CEPC Offline Software and Computing	Xingtao HUANG (Shandong U)
		11:25	Observation of New Structures in the $J/\psi/\psi$ Mass Spectrum at CMS	Zhen HU (Tsinghua University)	Development of CEPC Drift Chamber Software	Weidong LI (IHEP)
11:50	$J/\psi/\psi$ Mass Spectrum at LHC & CEPC	Kai YI (Nanjing Normal University)	Reconstruction of Crystal Bar ECAL	Shengsen SUN (IHEP)		
12:15	Highlights from LHCb Experiment?	Liming ZHANG (Tsinghua University)	CEPC Computing	Xiaomei ZHANG (IHEP)		
S-ED3	12:40 - 14:00	Self-arranged Lunch		Self-arranged Lunch		
		Chair: Huaqiao ZHANG (IHEP)		Chair: Mingyi DONG (IHEP)		
		Title	Speaker	Title	Speaker	
		14:00	Calorimeter: Prototype Test Beam Results	Yong LIU (IHEP)	Pixelated and Pad Readout TPC Technology R&D for the Future e+e- Collider	Huirong QI (IHEP)
		14:25	High Density Glass and Its Application at Future Collider	Sen QIAN (IHEP)	Drift Chamber for the CEPC Detector	Mingyi DONG (IHEP)
14:50	Status of Dual Readout Calorimeter	Roberto FERRARI (INFN Pavia)	Pixelated Time Projection Chamber Tracker Detector Technology [Zoom]	Peter KLUIT (NIKFHH)		
15:15	Graph Neural Networks for Particle Physics	Huilin QU (CERN)	IDEA Drift Chamber [Zoom]	Brunella D'Anzi (INFN and U of Bari)		
Combined S-ED2 S-TH4	15:40 - 16:00	Break		Break		
		Chair: Jiayin GU (IHEP)		Chair: Mingshui CHEN (IHEP)		
		Title	Speaker	Title	Speaker	
		16:00	Reconstruction of Hadronic System: Requirement, Status & Perspective	Manqi RUAN (IHEP)	Status & Progress of the IDEA Detector Concept	Roberto FERRARI (INFN Pavia)
		16:25	TBD (Calorimeter Review) [Zoom]	Roman POESCHL (JCLab)	EEC at High Energy Frontier	Huaxing ZHU (Zhejiang U)
16:50	Review of VTX/Silicon Technology	Zhijun LIANG (IHEP)	High Precision Calculation Towards Future ee Factory? [Zoom]	Zhao LI (IHEP)		
17:15	TPC R&D and Operability at a Circular Collider [Zoom]	Paul COLAS (CEA)	Measurements of the Partons Inside the Proton [Zoom]	Siqi YANG (U of Science and Technology of China)		