

2nd APCTP Workshop on the Physics of Electron Ion Collider: ePIC Physics and Detectors

Thursday, November 30, 2023

Session: 1 - Pine Hall (10:00 AM - 12:00 PM)

-Conveners: Hyon-Suk Jo

time	[id] title	presenter
10:00 AM	[29] Opening remarks and presentation of CHEP	KIM, Hong Joo
10:15 AM	[30] The Science and Status of the Electron Ion Collider (EIC)	DESHPANDE, Abhay
11:00 AM	[31] EIC activities in Japan	GOTO, Yuji
11:30 AM	[32] Forward physics and zero degree calorimeter R&D	KIM, Yongsun

Session: 2 - Pine Hall (1:30 PM - 3:00 PM)

-Conveners: Beomkyu Kim

time	[id] title	presenter
1:30 PM	[33] The ePIC Barrel Imaging Calorimeter	JOOSTEN, Sylvester
2:00 PM	[34] Silicon detector R&D in Korea for future experiments in high-energy nuclear physics	LIM, Sanghoon
2:30 PM	[35] Calorimeter R&D for future collider projects and its extension	YOO, Hwidong

Session: 3 - Department of Physics, Room 205 (4:30 PM - 6:00 PM)

-Conveners: Sanghoon Lim

time	[id] title	presenter
4:30 PM	[36] Status of the EIC-Taiwan	KUO, Chia-Ming
5:00 PM	[38] Precision Timing at High-Luminosity LHC with the CMS MIP Timing Detector	MOON, Chang-Seong
5:30 PM	[37] The Advanced Si Sensors & Electron Endcap Tracker for an EIC experiment	KWON, Youngil

Friday, December 1, 2023

Session: 4 - Pine Hall (9:30 AM - 11:00 AM)

-Conveners: Chang-Hwan Lee

time	[id] title	presenter
9:30 AM	[39] Quasi-distribution amplitudes for pseudoscalar mesons	NAM, Seung-il
10:00 AM	[40] Pion form factor and transverse momentum dependent distributions beyond the leading twist in the light-front quark model	CHOI, Ho-Meoyng
10:30 AM	[41] Non-diagonal DVCS off pion with $\pi \rightarrow \pi \pi$ transition GPDs	SON, Sangyeong
10:45 AM	[42] Pom-CQM model of J/psi photoproduction on nucleon	S, Sakinah

Session: 5 - Pine Hall (11:30 AM - 12:30 PM)

-Conveners: Seung-il Nam

time	[id] title	presenter
11:30 AM	[43] Di-lepton photo- and electro-production with the CLAS12 experiment	CHATAGNON, Pierre
12:00 PM	[44] Nucleon Spin Highlights of PHENIX and STAR	KIM, Chong

Session: 6 - Pine Hall (2:00 PM - 3:30 PM)

-Conveners: Kirill Semenov-Tyan-Shanskiy

time	[id] title	presenter
2:00 PM	[45] Exclusive electroproduction of vector mesons	KIM, Sangho
2:30 PM	[46] Mechanics in the Nucleon	KIM, Hyun-Chul
3:00 PM	[47] Kaon generalized parton distributions and gravitational form factors from the nonlocal chiral quark model	SON, Hyeon-Dong

Session: 7 - Pine Hall (4:00 PM - 6:00 PM)

-Conveners: Hyun-Chul Kim

time	[id] title	presenter
4:00 PM	[48] Froissart-Gribov projections in analysis of deeply virtual Compton scattering	SEMENOV-TYAN-SHANSKIY, Kirill
4:30 PM	[49] Addressing the problem of model dependency in GPD phenomenology	SZNAJDER, Pawel
5:00 PM	[50] Experimental measurements of GPDs - From fixed target experiments to the future Collider (EIC)	NICCOLAI, Silvia
5:30 PM	[51] Discussion	

Saturday, December 2, 2023

Session: 8 - Pine Hall (9:30 AM - 10:30 AM)

-Conveners: Ho-Meoyng Choi

time	[id] title	presenter
9:30 AM	[52] Gluon Distributions in Nuclear Medium	HUTAURUK, Parada
10:00 AM	[53] Transverse single spin asymmetry measurement at the RHICf experiment	KIM, Minho

Session: 9 - Pine Hall (11:00 AM - 12:00 PM)

time	[id] title	presenter
11:00 AM	[54] Discussion	
11:45 AM	[55] Closing remarks	KIM, Wooyoung