

PF	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24
09:00-10:20	Plenary Session				No PF
10:20-10:50	Break				
Chair	Plenary Session	Haipeng An	No PF	Myeonghun Park	Plenary Session
10:50-11:15		Myeonghun Park		Haipeng An	
11:15-11:30		Dan Zhu		Bowen Fu	
11:30-11:45		Yoshihiro Shigekami		Ligong Bian	
11:45-12:00		Mingyu Zhao		/	
12:00-14:00	Lunch				
13:00-14:00		Poster			
Chair	Kanghoon Lee	Seung-Joo Lee	Jeong-Hyuck Park	No PF	
14:00-14:25	Sang-Jin Sin	Jeong-Hyuck Park	Seung-Joo Lee		
14:25-14:50	Kentaroh Yoshida	Kanghoon Lee	Chiung Hwang		
14:50-15:05	Chon Man Sou	Wuzhong Guo	Khai Ming Wong		
15:05-15:30	Xinan Zhou	/	/		
15:30-16:00	Break				
Chair	Yanping Huang	Suerfu Bhurkant	Chang Seong Moon	No PF	
16:00-16:25	Miao He	Mihoko Nojiri	Yanping Huang		
16:25-16:50	Chang Seong Moon	Suerfu Bhurkant	Haiping Peng		
16:50-17:05	Huanyu Bi	Cunfeng Feng	Mingyang Huang		
17:05-17:20	Yuzhi Che	Dong Liu	Kai Yi		
17:20-17:35	/	/	17:05-17:30		

Date: **October 20**

Chair	Kanghoon Lee (Korea Institute for Advanced Study)	
14:00-14:25	Sang-Jin Sin Hanyang U.	Topology in Holographic Mean-Field Theory at Zero and Finite Temperature
14:25-14:50	Kentaroh Yoshida Saitama University	The Courant-Hilbert construction in 4D Chern-Simons theory
14:50-15:05	Chon Man Sou Tsinghua University	Entanglement features in scattering mediated by heavy particles
15:05-15:30	Xinan Zhou University of Chinese Academy of Sciences	Bootstrap Program for Holographic Defects
15:30-16:00	Break	
Chair	Yanping Huang (Chinese Academy of Sciences)	
16:00-16:25	Miao He Institute of High Energy Physics, Chinese Academy of Sciences	Leading edge detector technologies to enable discoveries in particle physics
16:25-16:50	Chang Seong Moon Kyoungpook National University	Korea's Contributions to the CMS Endcap Timing Layer for the HL-LHC Upgrade
16:50-17:05	Huanyu Bi Hainan U.	Electroweak corrections to $gg \rightarrow gH$ at the LHC
17:05-17:20	Yuzhi Che Institute of High Energy Physics, CAS	Strong Coupling from Inclusive Semileptonic Decay of D and B Mesons

Date: **October 21**

Chair	Haipeng An (Tsinghua U.)	
10:50-11:15	Myeonghun Park Seoul National University of Science and Technology	Quantum Sensing of Radiative Decays of Neutrinos and Dark Matter Particles
11:15-11:30	Dan Zhu Southern Center for Nuclear Science Theory, Institute of Modern Physics, Chinese Academy of Sciences	Higgs-Mediated Repulsion in Cho-Maison Monopole-Antimonopole Pairs
11:30-11:45	Yoshihiro SHIGEKAMI Henan Normal University	Radiative mass models for EDM and g-2 of the tau lepton
11:45-12:00	Mingyu Zhao Henan Normal University	Mathematical Proof of the Existence and Mass Gap in Yang-Mills Theory: A Rigorous Framework Based on the Brouwer Fixed Point Theorem
12:00-14:00	Lunch	
Chair	Seung-Joo Lee (Yonsei University)	
14:00-14:25	Jeong-Hyuck Park Sogang U.	Next Einstein Equation, as Predicted by String Theory
14:25-14:50	Kanghoon Lee Korea Institute for Advanced Study	Solving Einstein Equation Using Recursions
14:50-15:05	Wuzhong Guo school of physics, Huazhong University of Science and Technology (HUST)	Formalism and properties of spacetime density matrix
15:05-16:00	Break	
Chair	Suerfu Bhurkant (KEK & The University of Melbourne)	
16:00-16:25	Mihoko Nojiri KEK	IAFormer: Interaction-Aware Transformer network for collider data analysis
16:25-16:50	Suerfu Bhurkant KEK & The University of Melbourne	Low-mass Dark Matter Searches in Kamioka Underground Laboratory
16:50-17:05	Cunfeng Feng Shandong University	Investigation Hadronic Interaction through Very High Energy Cosmic Ray Air Shower Using LHAASO experiment
17:05-17:20	Dong Liu Shandong University	Towards a Next-Generation Ultra-High-Energy Gamma-Ray Observatory in the Southern Hemisphere

Date: **October 22**

Chair	Jeong-Hyuck Park (Sogang U.)	
14:00-14:25	Seung-Joo Lee Yonsei University	Towards spectral constraints of quantum gravity
14:25-14:50	Chiung Hwang U. of Science and Technology of China	Toward Quantum Black Holes
14:50-15:05	Khai Ming Wong Universiti Sains Malaysia	Type II Hairy Wormhole Solution in Einstein-Weinberg-Salam Theory
15:05-16:00	Break	
Chair	Chang Seong Moon (Kyoungpook National University)	
16:00-16:25	Yanping Huang Institute of High Energy Physics, Chinese Academy of Sciences	Discovery of a Glueball-like particle X(2370) @ BESIII
16:25-16:50	Haiping Peng University of Science and Technology of China	The progress of Super Tau Charm Facility in China
16:50-17:05	Mingyang Huang Institute of High Energy Physics, China	High intensity beam commissioning and Phase II upgrade progress for the CSNS RCS
17:05-17:30	Kai Yi Nanjing Normal U.	Experimental observation of all-charm tetraquark states at high energy colliders

Date: **October 23**

Chair	Myeonghun Park (Seoul National University of Science and Technology)	
10:50-11:15	Haipeng An Tsinghua U.	Phenomenological consequences of phase transitions happened during inflation
11:15-11:30	Bowen Fu Northeastern University, China	Non-abelian Domain walls
11:30-11:45	Ligong Bian Chongqing U	Numerical simulations on Vacuum decay