

ID	Time	Speaker	Affiliation	Title
January 19 Mon				
	09:50 - 10:00	Mihoko Nojiri or Satoshi Iso		Opening Welcome
19-01	10:00 - 10:45	Liang Li	Shanghai Jiao Tong University	AI and Machine Learning Application in Experimental High Energy Physics
19-02	10:45 - 11:30	Gregor Kasieczka	U. Hamburg	TBA
	11:30 - 11:35	Gregor Kasieczka and Marco Meyer-Conde		ACAT flag handover ceremony
	11:35 - 13:00	Lunch		
19-03	13:00 - 13:45	Akio Tomiya	TWU / Kyoto Univ.	TBA
19-04	13:45 - 14:30	Nakashima Yuta	U. Osaka	TBA
	14:30 - 15:00	Coffee Break		
19-05	15:00 - 15:45	Vinicius Mikuni	KMI	Foundational Models for HEP and beyond
19-06	15:45 - 16:15	Ayodele Ore	Heidelberg University, ITP	Data-driven hadronization models
	16:15 - 16:30	Coffee Break		
19-07	16:30 - 16:45	Jingde Chen	IHEP	Foundation Model for Decay Event Classification at BESIII
19-08	16:45 - 17:00	Yulei Zhang	U. Washington	Foundation model for Unified Understanding and Generation of Collider Data
19-09	17:00 - 17:15	Ke Li	IHEP	Multi-agents system for analysis automation
19-10	17:15 - 17:30	Ahmed Hammad	KEK	DLScanner: A parameter space sampling assisted by deep learning methods
January 20 Tue				
20-01	10:00 - 11:30	Free discussion (or something else to be filled later)		
	11:30 - 13:00	Lunch		
20-03	13:00 - 13:45	Daniel Whiteson	UC Irvine	Learning to find weird particles
20-04	13:45 - 14:30	Shih-Chieh Hsu	U. Washington	Real-Time AI at the Edge: Decoding Particles, Brains, and the Cosmos
	14:30 - 15:00	Coffee Break		
20-05	15:00 - 15:15	Shang-Fu Wei	U. Tokyo	Domain adaptation in colliders: reconcile simulation and data
20-06	15:15 - 15:30	Feng-Yang Hsieh	National Taiwan University	Higgs Production Classifier using Weak Supervision
20-07	15:30 - 15:45	Tatsuki Murata	U. Tokyo	Development of particle flow algorithm with GNN for the future Higgs factories
20-08	15:45 - 16:00	Huanbiao (Richard) Zhu	Carnegie Mellon University	Unbinned Unfolding in the Presence of Nuisance Parameters
	16:00 - 16:10	Coffee Break		
20-09	16:10 - 16:20	Takahiro Kawahara	U. Tokyo	Research on Improving Jet Flavor Tagging Precision in the ILC Using the Particle Transformer
20-10	16:20 - 16:30	Heechan Yi	Yonsei University	Quantum Integration Networks for Efficient Monte Carlo in High-Energy Physics
20-11	16:30 - 16:40	Yongik Jang	Kyungpook National University	Investigating the Invisible Higgs Coupling at a Muon Collider
20-12	16:30 - 16:45	Zejia Lu	Shanghai Jiao Tong University	Deep Learning Application in the Visible Decay Search for Dark Photons with DarkSHINE Experiment
January 21 Wed				
21-01	10:00 - 10:45	Gert Aarts	Swansea University	Physics of Machine Learning and Diffusion Models
21-02	10:45 - 11:30	Sofia Palacios Schweitzer	Rutgers University	Status on Generative Unfolding
	11:30 - 13:00	Lunch		
21-03	13:00 - 13:45	Shuzhe Shi	Tsinghua University	Solving complex inverse problems with differentiations
21-04	13:45 - 14:30	Akshunna S. Dogra	MIT / IAIFI	Man, Machine, and Mathematics
	14:30 - 15:00	Coffee Break		
21-05	15:00 - 15:15	Thomas Spriggs	QuTech and Kavli Institute of Nanoscience, Delft	Neural network wavefunctions for SU(2) lattice gauge theory
21-06	15:15 - 15:30	Benjamin Jaedon Choi	Center for Computational Sciences, University of Tsukuba	Deborah.jl
21-07	15:30 - 15:45	Fu-Peng Li	Fudan University	4D QCD EoS from a Quasi-Parton Model via Physics-Informed Neural Network
21-08	15:45 - 16:00	Yuta Hamada	KEK	Exploration of the string theory landscape: 20 million vacua and their properties
	16:00 - 16:10	Coffee Break		
21-09	16:10 - 16:25	Simeng Li	School of Physics, Ningxia University	Exact CHY Integrand Construction Using Combinatorial Neural Networks and Discrete Optimization
21-10	16:25 - 16:40	Xiang Li	Peking University	Solving Olympic-level physical problems with LOCA
21-11	16:40 - 16:55	Shivasankar K. Arunachalam	Hokkaido University	The Future of Computing and How Physicists Can Survive It
January 22 Thu				
22-01	10:00 - 10:45	LongGang Pang	Central China Normal University	Deep Learning for QCD EoS
22-02	10:45 - 11:30	Mei Huang	University of Chinese Academy of Sciences (UCAS)	AI for Holographic QCD
	11:30 - 13:00	Lunch		
22-03	13:00 - 13:45	Leander Thiele	Kavli IPMU	AI in cosmology
22-04	13:45 - 14:30	Shoichi Oshino	ICRR, U. Tokyo	Glitch noise classification in KAGRA O3GK observing data using unsupervised machine learning
	14:30 - 15:00	Coffee Break		
22-05	15:00 - 15:30	Marco Meyer-Conde	Tokyo City University	Bridging Gravitational Wave and High-Energy Physics Software
22-06	15:30 - 15:45	Tae-Geun Kim	Fudan U. / RIKEN	Accelerating Primordial Black Hole Phenomenology: An Operator Learning Approach
22-07	15:45 - 16:00	Christopher All��n��	Tokyo City Univeristy	Machine Learning-based glitch segmentation with Wavelet Transform in LVK detectors data
22-09	16:00 - 16:15	Jingjing Pan	KIT	Unbinned, High-Dimensional Precision Measurements through Modern Machine
January 23 Fri				
23-01	10:00 - 10:45	Yusuke Sakai	Tokyo City University	Classification of simulated gravitational-wave signals from core-collapse supernovae using machine learning
23-02	10:45 - 11:30	Manqi Ruan	IHEP	Holistic Analysis and Color Singlet identification for the Higgs factory
	11:30 - 13:00	Lunch		
23-03	13:00 - 13:45	Koji Hashimoto	Kyoto Univ.	TBA
23-04	13:45 - 14:15	Sung Hak Lim	CTPU-PTC, IBS	Understanding Galactic Dark Matter with Generative Models
23-05	14:15 - 14:30	Tianji Cai	Rongji Univ.	Overview of the 2025 AI+HEP Community Survey in China
23-06	14:30 - 14:45	Lingxiao Wang	RIKEN / U. Tokyo	Closing remarks