Scientific program:

Oct. 3 (Tue) [Chair: M. Nojiri → Eung Jin Chun → Hyun Min Lee]
14:00-14:30: Xiao-Gang He, "Majorana Phase and Matter Effects in Neutrino Chiral Oscillation."
14:30-15:00: Hyun Min Lee, "Two tales for the SM Higgs: inflation and dark matter."
15:00-15:30: Break
15:30-16:00: Qiuyue Liang, "Detecting the Stochastic Gravitational-Wave Background from Modified Gravity with Pulsar Timing Arrays."
16:00-16:30: Tomasz Dutka, "Bubble-assisted leptogenesis."
16:30-17:00: Yu Watanabe, "Phenomenology of light thermal dark matter."
17:00-17:30: Break
17:00-17:30: Break
18:00: Masashi AIKO, "Electroweak precision test of axion-like particles."
18:00-18:30: Eung Jin Chun, "Particle dispersion in the classical vector dark matter background."

Oct. 4 (Wed) [Chair: T. Melia → Seong Chan Park (morning) & Jianglai Liu → Shao-Feng Ge → S. Matsumoto (afternoon)]

09:00-09:30: Seong Youl Choi, "Constructing the covariant vertices systematically." 09:30-10:00: Suro Kim, "EFT approaches to cosmological collider program," 10:00-10:30: Break 10:30-11:00: Rodrigo Alonso, "The Cosmology of Higgs EFT." 11:00-11:30: Dong Woo Kang, "A Geometric Look at pNGB Potentials." 11:30-12:00: Sungwoo Hong, "Non-invertible Naturalness." 12:00-13:30: Lunch 13:30-14:00: Seong Chan Park, "Cosmic birefringence and dark photon." 14:00-14:30: Kim Siang Khaw, "Latest Results from the Fermilab Muon g-2 experiment." 14:30-15:00: Break

15:00-15:30: Jianglai Liu, "Quest to infinity via dark matter and neutrinos - the underground experimental program at TDLI."

15:30-16:00: Ning Zhou, "Dark matter searches with PandaX-4T experiment." 16:00-16:30: Ke HAN, "Neutrino Physics with PandaX." 16:30-17:00: Break 17:00-17:30: Shao-Feng Ge, "Fermionic Absorption Dark Matter." 17:30-18:00: Shu-Yu Ho, "Light thermal self-interacting dark matter in the shadow of non-standard cosmology."

Oct. 5 (Thu) [Chair: M. Spannowsky → M. Takeuchi]

09:00-09:30: Valentin Khoze, "Scattering of Fermions on Monopoles." 09:30-10:00: Kun Liu, "The DarkSHINE experiment R&D status." 10:00-10:30: Break 10:30-11:00: Michihisa Takeuchi, "CP violating two Higgs doublet models at LHC." 11:00-11:30: Dan Kondo, "Signal of dark Higgs into muons." 11:30-12:00: Christoph Englert, "(Non-)Linear BSM Higgs patterns." 12:00-13:30: Lunch 13:30-18:00: Free discussion

Oct. 6 (Fri) [Chair S. Shirai → Xiao-Gang He]

09:00-09:30: Pyungwon Ko, "Massive dark photon and dark Higgs." 09:30-10:00: Masahito Yamazaki, "Veto algorithms for quantum parton showers." 10:00-10:30: Break 10:30-12:00: Ahmed Hammad, "Sharpening the CP-odd scalar signature at the LHC through contrastive learning." 11:00-11:30: Myeonghun Park, TBA 11:30-12:00: Michael Spannowsky, "Quantum Machine Learning for High Energy Physics."