

The 2nd Asian-European-Institutes (AEI) Workshop for BSM and the 10th KIAS Workshop on Particle Physics and Cosmology

Monday, November 14, 2022

Afternoon Session (2:00 PM - 3:40 PM)

-Conveners: Hye-Sung Lee

time	[id] title	presenter
2:00 P	[M1] Sensitivities to secret neutrino interaction at meson decay and short baseline neutrino experiments	BAKHTI, Pouya
2:20 P	[M2] Non-Standard Interaction of atmospheric neutrino in future experiments	RAJAEI, Meshkat
2:40 P	[M3] Testing electroweak scale seesaw models at e^+e^- and $\gamma\gamma$ collisions	MANDAL, Sanjoy
3:00 P	[M4] Displaced Decay Signatures in Probing Seesaw	SEN, Chandrima
3:20 P	[M5] Nucleon Decay and (Low-Scale) Pati-Salam	DUTKA, Tomasz

Afternoon Session (4:20 PM - 6:00 PM)

-Conveners: Minho Son

time	[id] title	presenter
4:20 P	[M6] An interplay between composite Dirac neutrinos and the QCD axion	JUNG, Tae Hyun
4:40 P	[M7] CP violation in gauged U(1)	MATSUI, Toshinori
5:00 P	[M9] A Global Analysis of Resonance-enhanced Light Scalar Dark Matter	WATANABE, Yu
5:20 P	[M20] Complex Singlet Benchmarks at Future Collider Experiments	LANE, Samuel

Tuesday, November 15, 2022

Afternoon Session (5:00 PM - 6:00 PM)

-Conveners: Wan-Il Park

time	[id] title	presenter
5:00 P	[19] All the covariant tensor currents of massless particles in the covariant formulation	JEONG, Jae Hoon
5:20 P	[20] Some updates on swampland phenomenology	YAMAZAKI, Masahito
5:40 P	[22] Detectable Gravitational Waves from Preheating and Particle Physics Phenomenology	SAHA, Pankaj

Thursday, November 17, 2022

Afternoon Session (5:00 PM - 6:00 PM)

-Conveners: Seodong Shin

time	[id] title	presenter
5:00 PM	[M0] Riemannian Data preprocessing in Machine Learning to focus on QCD color structure	HAMMAD, Ahmed
5:20 PM	[M2] Exploring extended Higgs sectors via pair production at the LHC	FLACKE, Thomas
5:40 PM	[M3] Exploration of Parameter Spaces Assisted by Machine Learning	RAMOS, Raymundo