



# The 3rd International Joint Workshop on the Standard Model and Beyond and the 11th KIAS Workshop on Particle Physics and Cosmology

## Monday, November 13, 2023

### Evening Session (7:30 PM - 9:30 PM)

-Conveners: TaeHun Kim; Kiyoharu Kawana

time	[id] title	presenter
7:30 P	[15] Potential of the HL-LHC to probe light fermiophobic Higgs boson signals via diphoton jets	SONG, Jeonghyeon
8:00 P	[42] Deep Learning Higgs Images	KIM, Jeong Han
8:30 P	[15] Uncovering doubly charged scalars with dominant three-body decays using machine learning	FLACKE, Thomas
8:50 P	[22] Predicting the importance of complicated regions in Monte Carlo sampling	RAMOS, Raymundo
9:10 P	[67] A cosmological sandwiched window for seesaw with primordial majoron abundance	YU, Bingrong

# Tuesday, November 14, 2023

## Evening Session (7:30 PM - 9:30 PM)

-Conveners: Dibyendu Nanda; Jaehoon Jeong

time	[id] title	presenter
7:30 PM	[M3] (Zoom) Bootstrapping BSM theories	POMAROL, Alex
8:00 PM	[M0] Fine tuning as quantum phase transition point	KAWANA, Kiyoharu
8:30 PM	[M4] Scattering Amplitudes and Goldstone Boson Equivalence Theorem in Flat and Warped Extra Dimensions	SENGUPTA, Dipan
9:00 PM	[M3] 2HDM with Gauged Higgs Fields	YU, Chaehyun

# Wednesday, November 15, 2023

## Evening Session (7:30 PM - 9:20 PM)

-Conveners: Xing-Yu Yang; Raymundo Ramos

time	[id] title	presenter
7:30 PM	[M9] The signatures of sub-solar-mass primordial black holes	TSENG, Po-Yen
8:00 PM	[M6] Dark Matter Searches in GW Detectors	SPINRATH, Martin
8:30 PM	[M3] NANOGrav Signal and PBH from the Modified Higgs Inflation	CHEUNG, Kingman
9:00 PM	[M2] Probing primordial black holes from a first order phase transition through pulsar timing and gravitational wave signals	ACUÑA, Jan Tristram