

IBS-PNU Joint Workshop on Physics beyond the Standard Model

Thursday, 5 December 2019

Morning session - Atlantis Room, B1 (09:00 - 12:00)

-Conveners: Kyu Jung Bae

time	[id] title	presenter
09:00	[8] Dark Matter Heating vs. Rotochemical Heating in Old Neutron Stars	HAMAGUCHI, Koichi
10:00	Coffee break	
10:30	[9] Dark Matter Targets with Exponentially Small Couplings	RUDERMAN, Joshua
11:30	[10] Four-form relaxation of Higgs mass and cosmological constant	LEE, Hyun Min

Friday, 6 December 2019

Morning session - Atlantis Room, B1 (09:00 - 12:00)

-Conveners: Deog Ki Hong

time	[id] title	presenter
09:00	[18] Recent developments in partial compositeness	FERRETTI, Gabriele
10:00	Coffee break	
10:30	[19] The Lattice Study of SU(2) with Many Fermions	LEINO, Viljami
11:30	[20] Common exotic decays of vector-like top partners: Motivation, challenges, and opportunities for collider searches	FLACKE, Thomas

Saturday, 7 December 2019

Morning session - Atlantis Room, B1 (09:00 - 12:00)

-Conveners: Changrim Ahn

time	[id] title	presenter
09:00	[28] Why the quark mass is so small: the chiral symmetry and Heun's equation	SIN, Sang-Jin
09:30	[29] Higher Curvature Gravity and its implication	LEE, Bum-Hoon
10:00	Coffee break	
10:30	[30] Black holes in holographic quantum gravity	KIM, Seok
11:00	[31] Complete Prepotential of 5d Superconformal Field Theories	LEE, Kimyeong
11:30	[32] Perturbative methods in holography vs. Supersymmetric Localization	KIM, Nakwoo