

KEK Theory Meeting on Particle Physics Phenomenology (KEK-PH2018 winter) and 3rd KIAS-NCTS-KEK workshop on Particle Physics Phenomenology

Tuesday, 4 December 2018

Parallel Session 1 - Seminar Hall, Building 3 (15:30 - 16:30)

-Conveners: Yutaka Sakamura

time	[id] title	presenter
15:30	[31] Current status of the singlet-doublet dark matter model	TOMOHIRO, Abe
15:45	[32] Modeling evolution of dark matter substructure and annihilation boost	HIROSHIMA, Nagisa
16:00	[33] Extended Dark Matter EFT	TENORTH, Valentin
16:15	[34] Solving core-cusp problem with Pauli exclusion principle	AN, Haipeng

Parallel Session 1 - Seminar Hall, Building 3 (16:45 - 17:45)

-Conveners: Yutaka Sakamura

time	[id] title	presenter
16:45	[39] Vector SIMP dark matter	CHOI, Soo-Min
17:00	[40] Gravitational wave generation by B-L symmetry breaking	SETO, Osamu
17:15	[41] Sneutrino Dark Matter meets EW SUSY inverse seesaw	ISHIDA, Hiroyuki
17:30	[42] Gravity-mediated dark matter	KANG, Yoo-Jin

Wednesday, 5 December 2018

Parallel Session 1 - Seminar Hall, Building 3 (15:30 - 16:30)

-Conveners: Masafumi Kurachi

time	[id] title	presenter
15:30	[47] Fermion dark matter model with U(1) gauge symmetry	MATSUI, Toshinori
15:45	[48] Dark matter models with Higgs portal to multicomponent dark sector	NOMURA, Takaaki
16:00	[49] Semi-Analytic Calculation of Gravitational Wave Spectrum Induced from Primordial Curvature Perturbations	TERADA, Takahiro
16:15	[50] Gravitational waves induced by scalar perturbations at second order as probes of the primordial power spectrum on small scales	INOMATA, Keisuke

Parallel Session 1 - Seminar Hall, Building 3 (16:45 - 17:45)

-Conveners: Masafumi Kurachi

time	[id] title	presenter
16:45	[55] Thermal Effects Induced Freeze-in Dark Matter and the Gravitational Wave	TANG, Yi-Lei
17:00	[56] Stochastic Gravitational Waves from Particle Origin	TANG, Yong
17:15	[57] Loop corrections to dark matter direct detection in a pseudoscalar mediator dark matter model	FUJIWARA, Motoko
17:30	[58] QCD axion window and low-scale inflation	TAKAHASHI, Fuminobu

Thursday, 6 December 2018

Parallel Session 1 - Seminar Hall, Building 3 (15:30 - 16:30)

-Conveners: Takahiro Terada

time	[id] title	presenter
15:30	[63] Enhanced photon coupling of ALP dark matter adiabatically converted from the QCD axion	HO, Shu-Yu
15:45	[64] The EDGES 21 cm anomaly, and axion dark matter	HOUSTON, Nick
16:00	[65] Dark photon dark matter from axion oscillations	KITAJIMA, Naoya
16:15	[66] Spectral Analysis of Color Charge in Two-Prong Jets with Neural Networks	LIM, Sung Hak

Parallel Session 1 - Seminar Hall, Building 3 (16:45 - 17:45)

-Conveners: Takahiro Terada

time	[id] title	presenter
16:45	[71] Direct measurement of the trilinear Higgs self-coupling in $e^+e^- \rightarrow ZH$.	NAKAMURA, Junya
17:00	[72] Time-information at colliders	KANG, Dong Woo
17:15	[73] Fingerprinting models of first-order phase transitions by the synergy between collider and gravitational-wave experiments	HASHINO, Katsuya
17:30	[80] The LHC potential of Vector-like quark doublets	HARADA, Daisuke