

43rd Johns Hopkins Workshop

Monday 03 June 2019

JHW (13:20-15:00)

time	[id] title	presenter
13:20	[3] Opening	
13:30	[4] Migdal Effect in Dark Matter Direct Detection Experiments and Its Applications	MASAHIRO IBE
14:15	[7] Baryon Asymmetry, Chiral Asymmetry, and the Magnetic Fields in the Universe	KAMADA, Kohei

JHW (15:30-16:15)

time	[id] title	presenter
15:30	[5] Dark matter in split supersymmetry: thermal wino dark matter and beyond	AYUKI KAMADA

Tuesday 04 June 2019

JHW (10:30-11:15)

time	[id] title	presenter
10:30	[8] Understanding halo substructure for indirect dark matter searches	SHIN'ICHIRO ANDO

JHW (11:30-12:15)

time	[id] title	presenter
11:30	[9] Constraining primordial black holes with microlensing	MASAHIRO TAKADA

JHW (13:30-15:00)

time	[id] title	presenter
13:30	[10] Direct Detection of Dark Matter and XENONnT	KAI MARTENS
14:15	[12] Latest Results from the XENON1T Dark Matter Project	SHINGO KAZAMA
14:30	[13] Effects of an early matter dominated era on gravitational waves induced by scalar perturbations	KEISUKE INOMATA
14:45	[14] Bouncing Universe from Nothing	TAKAHIRO TERADA

JHW (15:30-16:30)

time	[id] title	presenter
15:30	[11] Accounting deep learning decision in Jet Classification	MIHOKO M. NOJIRI
16:15	[15] The role of future lepton colliders for fermionic Z-portal dark matter	TAISUKE KATAYOSE

Wednesday 05 June 2019

JHW (10:30-11:15)

time	[id] title	presenter
10:30	[16] Halometry from Astrometry	NEAL WEINER

JHW (11:30-12:15)

time	[id] title	presenter
11:30	[17] Neutrino Masses and Mixing: Theoretical Aspects	SERGUEY PETCOV

JHW (13:30-15:00)

time	[id] title	presenter
13:30	[18] Perspective to search for dark components in the Universe with coherent photon collisions	KENSUKE HOMMA
14:15	[19] An inflationary probe of cosmic Higgs switching	JIJI FAN

JHW (15:30-16:45)

time	[id] title	presenter
15:30	[20] Anatomy of the tthh Physics	YING-YING LI
16:15	[21] Dark Matter Sommerfeld enhanced annihilation and bound-state decay at finite temperature	TOBIAS BINDER
16:30	[33] Higgs data does not rule out a sequential fourth generation fermion	SAHA, Ipsita

Thursday 06 June 2019

JHW (10:30-11:15)

time	[id] title	presenter
10:30	[22] The effects of contamination on the estimation of dark matter annihilation profile of the Milky Way's dwarf spheroidal galaxies	MIHO N. ISHIGAKI

JHW (11:30-12:15)

time	[id] title	presenter
11:30	[23] Gravitational particle production and dark matter	KAZUNORI NAKAYAMA

JHW (13:30-15:00)

time	[id] title	presenter
13:30	[24] Weak Gravity Conjecture and Phenomenological Implications	TOSHIFUMI NOUMI
14:15	[25] Unitarity Violation of Nonstandard Higgs Couplings	SPENCER CHANG

JHW (15:30-16:30)

time	[id] title	presenter
15:30	[26] Anthropic Bound on Dark Radiation	FUMINOBU TAKAHASHI
15:45	[27] QCD Axion Stars in Cosmology and Astrophysics	ENRICO D. SCHIAPPACASSE
16:00	[28] The Dark Matter-Phonon Coupling	PETER COX
16:15	[34] Gravitational waves induced by non-Gaussian scalar perturbations	PI, Shi

Friday 07 June 2019

JHW (10:30-11:15)

time	[id] title	presenter
10:30	[30] Dark Matter Targets with Exponentially Small Couplings	JOSH RUDERMAN

JHW (11:30-12:30)

time	[id] title	presenter
11:30	[31] Classical Firewalls in General Relativity	DAVID KAPLAN
12:15	[32] Closing	