

# APCTP Phenomenology Workshop

November 13 (Fri.) - 15 (Sun.), 2020

Timetable	November 13 (Fri.)	November 14 (Sat.)	November 15 (Sun.)
09:30 - 10:30		S1 (2)	S5 (2)
10:30 - 11:00		Break	Break
11:00 - 12:00		S2 (2)	S6 (2)
12:00 - 13:30		Lunch	Lunch
13:30 - 15:00		S3 (3)	Adjourn
15:00 - 16:00	Registration	Break	
16:00 - 17:30		S4 (3)	
18:00 -	Reception	Banquet	

S1 (2)	09:30 - 10:00 Pyungwon Ko (KIAS) Topics in inelastic DM models
	10:00 - 10:30 Hyun Min Lee (Chung Ang U.) Exothermic self-interacting dark matter
S2 (2)	11:00 - 11:30 Chang Sub Shin (IBS) Exploring the Universe with Dark Light Scalars
	11:30 - 12:00 Kyu Jung Bae (Kyungpook Natl. U.) Enhancing signals with multiple states in the dark sector
S3 (3)	13:30 - 14:00 Kiwoon Choi+ (IBS) Axion couplings and scales in axion landscape
	14:00 - 14:30 Kwang Sik Jeong (Pusan Natl. U.) Baryogenesis and Dark Matter in Axionic Higgs Portal
	14:30 - 15:00 Kenji Kadota (IBS) The radio telescope probes on the axion physics
S4 (3)	16:00 - 16:30 Jeonghyeon Song (Konkuk U.) Higgs physics with an electron-proton collider
	16:30 - 17:00 Seodong Shin (Jeonbuk Natl. U.) Exotic resonance signals of scalars in two Higgs doublet models augmented by vectorlike matter
	17:00 - 17:30 Bumseok Kyae (Pusan Natl. U.) Phenomenological mass bounds on some extra U(1)s' gauge bosons
S5 (2)	09:30 - 10:00 Eung Jin Chun (KIAS) Neutrino oscillations in dark matter
	10:00 - 10:30 Jong-Chul Park+ (Chungnam Natl. U.) Detecting Super-Light Dark Matter Using Graphene Josephson Junction
S6 (2)	11:00 - 11:30 Seong Chan Park+ (Yonsei U.) Matter genesis in Higgs inflation
	11:30 - 12:00 Wanil Park (Jeonbuk Natl. U.) Inflation + cosmological constant + dark matter

+ on-line

The APCTP is supported by the Korean Government through the Science and Technology Promotion Fund and Lottery Fund and strives to maximise social value through its various activities.

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