



# 2023 Chung-Ang University Beyond the Standard Model Workshop

## Monday 20 February 2023

### Dark Matter - 310-B502 (14:00 - 15:40)

time	[id] title	presenter
14:00	[17] Neutrinos and Ultra-Light Dark Matter	Prof. CHUN, Eung Jin
14:40	[18] Addressing the Strong CP problem in Composite Higgs/ RS model - Virtual	Prof. LEE, Seung J.
15:10	[19] De Sitter Self Organized Criticality of the Weak Scale	Prof. JUNG, Sunghoon

# Friday 24 February 2023

## Dark Matter - 310-B502 (09:30 - 10:40)

time	[id] title	presenter
09:30	[48] Some thoughts on the dark side of the Universe	Prof. KO, Pyungwon
10:10	[49] Gravitational portals during reheating	Mr CLERY, Simon

## Dark Matter - 310-B502 (11:10 - 12:20)

time	[id] title	presenter
11:10	[50] Probing sterile neutrino dark matter in the PTOLEMY-like experiment	Prof. CHOI, Ki-Young
11:40	[51] Halo-independent bounds on the non-relativistic effective theory of WIMP-nucleon scattering from direct detection and neutrino observations	Dr KAR, Arpan
12:00	[52] Secluded Dark Sector and Muon ( $g - 2$ ) in the Light of Modified Cosmology	Dr GANGULY, Sougata