

APCTP-IBS-KISTI-KU
 2022 Après-LHC Physics Workshop @ Korea
 9-11, August, 2022
 Konkuk University, Seoul, Korea

Programme	ordre du jour
Day 1	9 August (Tue)
0830-0930	enregistrement et petit déjeuner
0930-1100	Session 1 Modéré par Sun Kun Oh
0930-1000	Seongchan Park, Yonsei University (박성찬, 연세대) New Approach with an Anomalous U(1) Force
1000-1030	Sin Kyu Kang, Seoultech (강신규, 서울과기대) Confronting the Prediction of Leptonic CP-violating Phase with Experiments
1030-1100	Choong Sun Kim, Yonsei University (김충선, 연세대) Practical Dirac Majorana Confusion Theorem
1100-1130	Pause café
1130-1230	Session 2 Modéré par Sin Kyu Kang
1130-1200	Jihn E. Kim, SNU and Kyunghee University (김진의, 서울대 및 경 Quintessential Axions (tentative title)
1200-1230	Pyungwon Ko, KIAS (고병원, 고등과학원) Role of Dark Higgs Boson in DM Physics and Higgs Inflation
1230-1400	Pause déjeuner
1400-1530	Session 3 Modéré par Choong Sun Kim
1400-1430	Youngjoon Kwon, Yonsei University (권영준, 연세대) Recent Results on Flavor Anomalies from Belle & Belle II
1430-1500	Jae-Weon Lee, Jungwon University (이재원, 중원대) Collisions of Galaxies in Ultralight Dark Matter Models
1500-1530	Chun Sil Yoon, GNU (윤천실, 경상국립대) High-energy Neutrinos at LHC with SND@LHC
1530-1600	Pause café
1600-1800	Session 4 Modéré par Jae-Weon Lee
1600-1630	Wontae Kim, Sogang University (김원태, 서강대) Hamiltonian Formulation of Dynamical Boundary of Anti-de Sitter Space

1630-1700	Jongkuk Kim, KIAS (김종국, 고등과학원)
	Muon (g-2) and Thermal WIMP DM in U(1) $L_\mu - L_\tau$ Models
1700-1730	Sang Hui Im, CTPU (임상희, 순수이론물리연구단)
	Axion Dark Matter with Thermal Friction
1730-1800	Shu-Yu Ho, KIAS
	Asymmetric SIMP Dark Matter
1800-2000	banquet La Goutte
	Welcome speech

Day 2 10 August (Wed)

0830-0930 petit déjeuner

0930-1100 Session 5 Modéré par Jeonghyeon Song

0930-1000 Siyeon Kim, CAU (김시연, 중앙대)

Light Sterile Neutrino and Leptogenesis

1000-1030 Gabriela Barenboim, Universidad de Valencia

Searching for Physics BSM with Neutrinos

1030-1100 Jungsic Park, Kyungpook National Univ (박정식, 경북대)

Latest Results from JSNS2 and Status of JSNS2-II

1100-1130 Pause café

1130-1230 Session 6 Modéré par Siyeon Kim

1130-1200 Wan-II Park, Jeonbuk National University (박완일, 전북대)

Cosmology in a SUSY U(1)_{B-L} Model

1200-1230 Kang Sin Choi, Ewha Woman's University (최강신, 이화여대)

Test of String Theory in the Gravitational Sector

1230-1400 Pause déjeuner

1400-1530 Session 7 Modéré par Kang Sin Choi

1400-1430 Seon-Hee Seo, CUP (서선희, 지하실험연구단)

Highlights of Neutrino 2022

1430-1500 Hiroshi Okada, APCTP

Lepton Sector in Double Covering of Modular A4 Flavor

1500-1530 Thomas Flacke, KIAS

Phenomenology of Unusual Top Partners in Composite Higgs

1530-1600 Pause café

1600-1800 Session 8 Modéré par Thomas Flacke

1600-1630 Youngdo Oh, KNU (오영도, 경북대)

Search for New Physics Using Lepton plus Missing Transverse Energy Channel at the LHC

1630-1700 Cristiano Sabiu, University of Seoul

Probing the Nature of Dark Matter Using Cosmological Surveys

1700-1730 Chan Beom Park, CTPU (박찬범, 순수이론물리연구단)

Could MT2 be a Singularity Variable?

1730-1800	Aoki Shuntaro, CAU	Unitarizing Higgs Inflation in Weyl Gravity
1800-2000	dîner	Geum Ha (金河 Chinese Restaurant) table speech

Day 3 11 August (Thu)

0830-0930	petit déjeuner	
0930-1100	Session 9	Modéré par Sun Kun Oh
0930-1000	Jeonggyeon Song, Konkuk University (송정현, 건국대)	Two-Higgs-Doublet Model in Light of the CDF W Boson Mass
1000-1030	Hyun Min Lee, CAU (이현민, 중앙대)	A Model of Lepton Flavor for Muon $g-2$, W Boson Mass and Dark Matter
1030-1100	Hyun-Chul Kim, Inha University (김현철, 인하대)	Mechanical Structure of the Nucleon
1100-1130	Pause café	
1130-1230	Session 10	Modéré par Hyun Min Lee
1130-1200	Kyung Kwang Joo, Chonnam National Univ (주경광, 전남대)	Results of Reactor Antineutrinos at RENO
1200-1230	Seung-il Nam, PKNu (남승일, 부경대)	QCD Phase Diagram in the Canonical Method for Lattice QCD
1230-1400	Pause déjeuner	
1400-1530	Session 11	Modéré par Seung-il Nam
1400-1430	Kihyeon Cho, KISTI (조기현, 한국과학기술정보연구원)	Dark Sector on $e+e-$ Collisions
1430-1500	Jae Sik Lee, Chonnam national Univ (이재식, 전남대)	Toward Measuring the Trilinear Higgs Boson Self-coupling at Hadron Colliders via $\sigma(HH \rightarrow b\bar{b} b\bar{b})$
1500-1530	Chang Sub Shin, Chungnam National Univ (신창섭, 충남대)	Dark Light Boson Emission from Supernovae
1530-1600	Pause café	
1600-1800	Session 12	Modéré par Chang Sub Shin
1600-1630	Ian Watson, University of Seoul	Zero-Permutation Jet-Parton Assignment Using a Self-Attention Network
1630-1700	Sanyal Prasenjit, APCTP	Same-sign Trilepton as a Signature of Charged Higgs in Two-Higgs-Doublet Model
1700-1730	Dong-Hyun Kim, University of Seoul (김동현, 서울시립대)	CMS Phase2 Muon Upgrade with GEM
1730-1800	YuChul Yang, Kyungpook National Univ (양유철, 경북대)	

VBS Di-boson and Triple Boson Productions at CMS

1800

Fin de workshop

1800-2000 dîner

Outback Steakhouse

Farewell address

2000

ajourner

