

25th Busan Particle Physics Workshop

Westin Chosun Hotel, Haeundae, December 4 - 6, 2014

THURSDAY Dec. 4

- 13:30 - 13:55 Registration
CHAIR : Jihn E. Kim (Kyung Hee U./SNU)
- 13:55 - 14:00 Deog Ki Hong (PNU)
 : Opening Remark
- 14:00 - 14:30 Eung Jin Chun (KIAS)
 : Limiting 2HDMs
- 14:30 - 15:00 Kwang Sik Jeong (CTPU, IBS)
 : Higgs mixing in the NMSSM and light higgsinos
- 15:00 - 15:30 Béranger Dumont (CTPU, IBS)
 : Constraining new physics from the LHC SUSY searches
- 15:30 - 16:00 Kenji Kadota (CTPU, IBS)
 : 21 cm probes on particle dark matter
- 16:00 - 16:30 Coffee Break
- CHAIR : Eung Jin Chun (KIAS)
- 16:30 - 17:00 Bum-Hoon Lee (Sogang U.)
 : Tunneling Revisited
- 17:00 - 17:30 Seong Chan Park (SKKU)
 : Higgs Inflation updated
- 17:30 - 18:00 Hyun Min Lee (Chung-Ang U.)
 : Light from the Dark: Models for Dark Matter Signals
- 18:00 - 18:30 Jinn-Ouk Gong (APCTP)
 : Running of the primordial spectra
- 18:30 - 20:30 Group Dinner

FRIDAY Dec. 5

CHAIR : Yoonbai Kim (SKKU)

- 9:00 - 10:00 Koichi Yamawaki (KMI, Nagoya)
: Walking Technicolor on the LHC and the lattice
- 10:00 - 10:30 Sang-Jin Sin (Hanyang U.)
: Toward theory of strongly interacting many-body system
- 10:30 - 11:00 Coffee Break
- CHAIR : Bum-Hoon Lee (Sogang U.)
- 11:00 - 12:00 David Lin (NCTU)
: The chirally-invariant Higgs-Yukawa model on the lattice
- 12:00 - 12:30 Weonjong Lee (SNU)
: Current status of ϵ_K and B-meson spectrum test.
- 12:30 -13:00 Deog Ki Hong (PNU)
: Holographic Estimate of Electromagnetic Mass.
- 13:00 - 14:00 Group Lunch
- CHAIR : Sang-Jin Sin (Hanyang U.)
- 14:30 - 15:00 Pyungwon Ko (KIAS)
: Impacts of Higgs portals on Particle Physics and Cosmology
- 15:00 - 15:30 Chanbeom Park (KIAS)
: A light NMSSM pseudoscalar at the LHC
- 15:30 - 16:00 Do youn Kim (APCTP)
: Bayesian naturalness of the CMSSM and CNMSSM
- 16:00 - 16:30 Coffee Break

FRIDAY Dec. 5

CHAIR : Seung J. Lee (KAIST)

- 16:30 - 17:00 Myeonghun Park (APCTP)
 : A very light decaying particle search at the LHC
- 17:00 - 17:30 Jae Sik Lee (Chonnam U.)
 : Higgcision
- 17:30 - 18:00 Doh Young Mo (SNU)
 : FSI phases using CP asymmetries from B meson decay
- 18:00 - 20:00 Group Photo & Banquet (After Dinner Speech by Jihn E. Kim)

Saturday Dec. 6

CHAIR : Sun Kun Oh (Konkuk U.)

- 09:00 - 09:30 Kimyeong Lee (KIAS)
 : M-theory and its Challenge
- 09:30 - 10:00 Seyong Kim (Sejong U.)
 : Recent development in lattice NRQCD study of bottomonium at non-zero temperature
- 10:00 - 10:30 Sung Soo Kim (KIAS)
 : 5d En symmetry via toric-like diagram
- 10:30 - 11:00 Coffee break
- CHAIR : Kimyeong Lee (KIAS)
- 11:00 - 11:30 Rak-Kyeong Seong (KIAS)
 : Mass-deformed Brane Tilings
- 11:30 - 12:00 Seung Jun Lee (KAIST)
 : Quantum Critical Higgs
- 12:00 - 12:30 Sunghoon Jung (KIAS)
 : Perspectives on Future Supersymmetry and New Limits on Light Stops
- 12:30 - 13:00 Jeonghyeon Song (Konkuk U.)
 : Gigantic diphoton rate of heavy Higgs bosons in the aligned 2HDM
- 13:00 -13:05 Deog Ki Hong (PNU): Concluding remark
- 13:05 -14:30 Lunch
- 14:30 Adjourn