

Session Program

4-8 Nov 2019

The 1st Asian-European-Institutes (AEI) Workshop for BSM and the 9th KIAS Workshop on Particle Physics and Cosmology

Session II

Shilla Stay Jeju
100, Noyeon-ro, Jeju-si, Jeju-do, South Korea

Monday 4 November

14:00

Session II: Afternoon I

Session | **Location:** Shilla Stay Jeju, 100, Noyeon-ro, Jeju-si, Jeju-do, South Korea

14:00–14:25

Cornering Higgsino at the LHC

Speaker

Satoshi Shirai

14:30–14:55

Same-sign Charged Higgs Pair Production in bosonic decay channels at the HL-LHC and HE-LHC

Speaker

Chih-Ting Lu

15:00–15:25

Long Lived Particle Search with timing information at the HL-LHC

Speaker

Dongwoo Kang

15:30

16:00

Session II: Afternoon II

Session | **Location:** Shilla Stay Jeju, 100, Noyeon-ro, Jeju-si, Jeju-do, South Korea

16:00–16:25

Long-lived dark photon at the LHC

Speaker

Van Que Tran

16:30–16:55

Heavy quark flavored dark matter confronting experiments

Speaker

Prof. Peiwen Wu

17:00–17:25

Fermion dark matter in models with U(1) symmetry

Speaker

Toshinori Matsui

17:30–17:55

Study of B to D semileptonic decays by using lattice QCD

Speaker

Jaehoon Leem

18:00

Tuesday 5 November

17:30

Session II: Afternoon III

Session | **Location:** Shilla Stay Jeju, 100, Noyeon-ro, Jeju-si, Jeju-do, South Korea

17:30–17:55

Neutrino Oscillations in Dark Matter

Speaker

Jongkuk Kim

18:00–18:25

Big Bounce Baryogenesis

Speaker

Neil Barrie

18:30–18:55

Dark Matter Bound State Formation in Fermionic Z_2 DM model with Light Dark Photon and Dark Higgs Boson

Speaker

Yi-Lei Tang

19:00

Thursday 7 November

14:00

Session II: Afternoon VI

Session | **Location:** Shilla Stay Jeju, 100, Noyeon-ro, Jeju-si, Jeju-do, South Korea

14:00–14:25

Interplay between flavor physics and the direct search for new physics

Speaker

Yuji Omura

14:30–14:55

Radiative neutrino mass generation model and lepton flavor violation

Speaker

Takaaki Nomura

15:00–15:25

Light Mediators in Anomaly Free U(1) models

Speaker

Fagner Correia

15:30

16:00

Session II: Afternoon V

Session | **Location:** Shilla Stay Jeju, 100, Noyeon-ro, Jeju-si, Jeju-do, South Korea

16:00–16:25

Quintessence Saves Higgs Instability

Speaker

Dr Chengcheng Han

16:30–16:55

Neutrino masses and Gravitational waves

Speaker

Oleg Popov

17:00–17:25

On resonances, amplitudes and the UV completion of gravity

Speaker

Rodrigo Alonso De Pablo

17:30–17:55

Solving the strong CP problem with horizontal gauge symmetry

Speaker

gongjun choi

18:00