

Program of the 15th Regular Meeting, the Toyama Higgs Working Group
(Ver. of 9 Oct. 2015)

October 11. (Sunday)

11:00 - 12:00 Registration

(Chair : Kinya ODA)

12:00 - 12:20 Shinya KANEMURA (Toyama) Introduction

12:20 - 13:00 Hiroaki SUGIYAMA (Toyama) Neutrino Oscillation - Nobel Prize in Physics 2015 -

13:00 - 14:00 Koji NAKAMURA (KEK) LHC Results and Prospect

14:00 - 14:40 Keisuke FUJII (KEK) ILC Physics and Status

14:40 - 15:10 BREAK

(Chair : Koji TSUMURA)

15:10 - 15:50 Pyungwon Ko (KIAS) Collider search for Higgs portal DM

15:50 - 16:20 Ya-Juan Zheng (NTU) Probing Higgs boson CP properties with ttH at the LHC and the future hadron collider

16:20 - 16:50 Junping Tian (KEK) Prospects of the Higgs Self-coupling measurements at linear colliders

16:50 - 17:20 Mariko KIKUCHI (Toyama) "H-COUP" , a full set of fortran code for Higgs couplings in extended Higgs sectors

17:20 - 17:50 BREAK

(Chair : Mayumi AOKI)

17:50 - 18:20 Kinya ODA (Osaka) Asymptotic safety

18:20 - 18:50 Toshinori MATSUI (Toyama) Gravitational waves as a probe of extended scalar sectors with the first order electroweak phase transition

BANQUET

19:30 - 21:30 DINNER HIYOKO

October 12. (Monday)

(Chair : Pyungwon Ko)

9:00 - 9:30 Osamu SETO (Hokkai Gakuen U.) New decay modes in invisible decay of SM-like Higgs boson

9:30 - 10:00 Yutaro SHOJI (Tokyo) Fate of false vacuum at one-loop

10:00 - 10:30 Kenji NISHIWAKI (KIAS) Leptoquark explanation of Higgs to mu tau and muon $g-2$

10:30 - 11:00 Shoichi KASHIWASE (Kanazawa) Lepton number asymmetry via inflaton decay in a radiative seesaw model

11:00 - 11:30 BREAK PHOTO

(Chair : Tetsuo SHINDOU)

11:30 - 12:00 Yuta ORIKASA (KIAS) Higgs triplet model with classically conformal invariance

12:00 - 12:30 Kazuhiro ENDO (Tohoku) Radiative electroweak symmetry breaking and dark matter

12:30 - 12:50 Katsuya HASHINO (Toyama) Discriminative phenomenological features of scale invariant models for EWSB

12:50 - 14:00 LUNCH

(Chair : Mitsuru KAKIZAKI)

14:00 - 14:30 Shuichiro FUNATSU (Osaka) Dark matter in the $SO(5) \times U(1)$ gauge-Higgs unification

14:30 - 15:00 Yuta HAMADA (Kyoto) Standard Model leptogenesis in inflationary universe

15:00 - 15:10 Break

(Chair : Shinya KANEMURA)

15:10 - 16:00 Discussion Working Group (Kanemura, Tsumura, Kakizaki, Shindou)
Other issues to be discussed

16:00 Adjourn