

Program of the 14th Regular Meeting, the Toyama Higgs Working Group
(Ver. of 3 Aug. 2015)

August 4. (Tuesday)

12:00 - 13:00 Registration

(Chair : Tetsuo SHINDOU)

13:00 - 13:30 Shinya KANEMURA (Toyama) Introduction

13:30 - 14:00 Cheng-Wei Chiang (NCU) Flavor-Changing Neutral-Current Decays in Top-Specific Variant Axion Model

14:00 - 14:30 Micho HASHIMOTO (Chubu) Diboson excess and anomalous interactions

14:30 - 15:00 Koji TSUMURA (Kyoto) Survey of Higgs interpretations of the diboson excesses

15:00 - 15:20 BREAK

(Chair : Mitsuru KAKIZAKI)

15:20 - 15:50 Marco Sekulla (Siegen) Modelling New Physic in Vector Boson Scattering

15:50 - 16:10 Toshinori MATSUI (Toyama) Detectability of gravitational wave from first order electroweak phase transition

16:10 - 16:30 Tetsuya ENOMOTO (Osaka) 2HDM in flavor physics

16:30 - 16:40 Hayami OSAKI (Osaka) Higgs portal dark matter at Future Circular Collider

16:40 - 17:00 BREAK

(Chair : Kinya ODA)

17:00 - 17:20 Kiyoharu KAWANA (Kyoto) Landau pole in the standard model with weakly interacting scalar fields

17:20 - 17:40 Shuichiro FUNATSU (Osaka) $H \rightarrow Z \gamma$ in the gauge-Higgs unification

17:40 - 18:10 Yuta ORIKASA (KNRC/KIAS) Radiative seesaw in 3-3-1 model

18:10 - 18:40 Hiroaki SUGIYAMA (Toyama) R-Parity Conserved Supersymmetric Extension of the Zee Model

BANQUET

19:00 - AZAMI

August 5. (Wednesday)

(Chair : Cheng-Wei Chiang)

9:00 - 9:30 Natsumi NAGATA (Minnesota) Probing gaugino coannihilation with displaced vertex searches

9:30 - 10:00 Kunio KANETA (ICRR) Spontaneous leptogenesis via Majoron oscillation

10:00 - 10:30 Keisuke FUJII (KEK) MEXT' s ILC review and ILC physics

10:30 - 11:00 BREAK PHOTO

(Chair : Koji TSUMURA)

11:00 - 11:30 Junping Tian (KEK) sensitivity of anomalous Higgs coupling to vector bosons at the ILC

11:30 - 11:50 Mariko KIKUCHI (Toyama) Radiative corrections to the Higgs couplings in the Higgs singlet model

11:50 - 12:10 Mitsuru KAKIZAKI (Toyama) Indirect reach of heavy MSSM Higgs bosons by precision measurements at future lepton colliders

12:10 - 14:00 昼食

(Chair : Michio HASHIMOTO)

14:00 - 14:30 Hiroshi YOKOYA (KIAS) CP violation effect in $e^+e^- \rightarrow t \bar{t} h$

14:30 - 14:50 Tomohiko TANABE (ICEPP) Beam Dump Experiment at Future Electron-Positron Colliders

14:50 - 15:00 Break

(Chair : Tetsuo SHINDOU)

15:00 - 15:10 Koji TSUMURA (Kyoto) Report for the Document 2

15:10 - 15:20 Mitsuru KAKIZAKI (Toyama) Report for the Document 3

15:20 - 15:30 Tetsuo SHINDOU (Kougakuin) Report for the Document 4

15:30 - 15:40 Shinya KANEMURA (Toyama) Report for the Document 1.5

15:40 - 16:00 SUMMARY

16:00 Adjourn