

Program of the 17th Regular Meeting, the Toyama Higgs Working Group  
(Ver. 2, 6. May 2016)

7. May (Sat.)

12:00 - 13:00 Registration

(Chair : Mayumi Aoki)

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

13:30 - 14:30 Junichi Tanaka ( ICEPP ) LHC status and prospect

14:30 - 15:00 Keisuke Fujii ( KEK ) ILC status and prospect

15:00 - 15:30 BREAK

(Chair : Kin-ya Oda)

15:30 - 16:00 Takaaki Nomura ( KIAS ) Dark matter from chiral  $U(1)_X$  dark sector and diphoton excess

16:00 - 16:30 Kenji Nishiwaki ( KIAS ) 750GeV digamma excess via photon fusion in radiative seesaw, Reloaded

16:30 - 17:00 Koji Tsumura ( Kyoto ) Models of LHC Diphoton Excesses Valid up to the Planck scale

17:00 - 17:30 BREAK

(Chair : Mitsuru Kakizaki)

17:30 - 18:00 Mariko Kikuchi ( Toyama ) Radiative corrections to the Higgs triple coupling in the HSM

18:00 - 18:15 Kodai Sakurai ( Toyama ) Inert model

18:15 - 18:45 Yukari Nakanishi ( Osaka ) Effective potential under criticality

BANQUET

19:00 - 21:00 DINNER AZAMI (on campus)

8. May (Sun.)

(Chair : Shinya Kanemura)

9:00 - 9:30 Yutaro Shoji ( ICRR ) Vacuum stability and SUSY scale

9:30 - 10:00 Ryusuke Jinno ( KEK ) Analytic gravitational-wave spectrum from bubble collision

10:00 - 10:30 Masahiro Takimoto ( KEK ) Probing classically conformal B-L model by gravitational waves

10:30 - 11:00 BREAK PHOTO

(Chair : Koji Tsumura)

11:00 - 11:15 Katsuya Hashino ( Toyama ) Scale invariant EWSB

11:15 - 11:45 Mitsuru Kakizaki ( Toyama ) Probing physics behind the electroweak symmetry breaking at future gravitational wave and collider experiments

11:45 - 12:15 Mayumi Aoki ( Kanazawa ) TBA

12:15 - 13:30 LUNCH (Bento)

(Chair :)

13:30 - Discussion

1. 750 GeV

2. Vacuum, EWSB, Higgs couplings, GWs

3. Exotic charged Higgs searches

4. Status Report of the Document

17:00 Adjourn