

2012 年冬の富山 素粒子宇宙研究会 プログラム

(as of February 13, 2012)

日時： 2012 年 2 月 20 日 12 : 00—21 日 15 : 30

場所： 富山大学（五福キャンパス）理学部 A425 教室

TOYAMA in Winter 2012, Phenomenology and Cosmology Workshop

Date: 20.-21. February, 2012

Place: Science Faculty Building A425, University of Toyama

== February 20. (Mon) ==

[Chair: Kanemura (Toyama)]

12:00 Moroi (Tokyo) (60) Imprints of cosmic phase transition in inflationary gravitational waves

13:00 Park (Hokkaido) (45) Light mixed sneutrinos as thermal dark matter

13:45 Tsumura (Taiwan) (45) Multi-tau-lepton signatures in the two Higgs doublet model

14:30 Break

[Chair: Hamaguchi (Tokyo)]

14:45 Kasuya (Kanagawa) (25) Dark matter and baryon asymmetry from Q-ball decay in gauge-mediation

15:10 Harigaya (IPMU) (25) LHC's discovery potential for vector-like quark with multi b-jet channel

15:35 Yagyu (Toyama) (25) Phenomenology of the Higgs triplet model with the mass difference at the LHC

16:00 Iwamoto (Tokyo) (25) Higgs Mass and Muon Anomalous Magnetic Moment in Supersymmetric Models with Vector-Like Matters

16:25 Break

[Chair: Matsumoto (IPMU)]

16:40 Santos (Lisbon) (45) Charged Higgs in the two Higgs doublet model

17:25 Hamaguchi (Tokyo) (45) Boltzmann equation for non-equilibrium particles and its application to non-thermal dark matter production

18:10 Break

19:00–21:00 Dinner

== February 21. (Tue) ==

[Chair: Kakizaki (Toyama)]

- 9:00 Nomura (Tohoku) (45) Updates on muon $g-2$
9:45 Nakayama (Tokyo) (45) On the adiabatic solution to the
moduli problem
10:30 Break

[Chair: Tsumura(Taiwan)]

- 10:45 J. Sato (Saitama) (25) On charged lepton flavor violation (tentative)
11:10 Ito (Tokyo) (25) Long-lived stau at the LHC
11:35 Nabeshima (Toyama) (25) TeV-Scale Seesaw with Loop-Induce Dirac Mass Term
and Dark Matter from $U(1)_{B-L}$ Gauge Symmetry
Breaking.
12:00 R. Sato (Tokyo) (25) Focus Point Assisted by Right-Handed Neutrinos
12:25 Lunch

[Chair: Moroi (Toyko)]

- 13:45 Matsumoto (IPMU) (45) The GeV-scale dark matter with B-L asymmetry
14:30 Endo (Tokyo) (45) GMSB extensions in light of recent Higgs searches
15:15 Sugiyama (Ritsumeikan) (25) A Suppression Mechanism for Neutrino Masses
in the Higgs Triplet Model with Dark Matter
15:40 Adjourn

研究会世話人

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