

Session Program

21-25 Oct 2013

**Tohoku Forum for Creativity -Particle Physics
and Cosmology after the discovery of Higgs
boson-**

Group A, B, C Joint Session

Tohoku University

Tuesday 22 October

10:00

Group A, B, C Joint Session

Session | **Location:** Tohoku Univeristy | **Convener:** Keisuke Fujii

10:00–10:40 **Higgs in BSM Models**

Speaker

Shinya Kanemura

10:40–11:20 **Higgs Measurements at the ILC**

Speaker

Junping Tian

11:20–12:00 **Minimal Dark Matter and Direct Detection as a Probe of Reheating**

Speaker

Masahiro Ibe

12:00

14:00

Group A, B, C Joint Session

Session | **Location:** Tohoku Univeristy | **Convener:** Junping Tian

14:00–14:40

The R-xion: Peccei-Quinn Symmetry from a Gauged Discrete R Symmetry

Speaker

Kai Schmitz

14:40–15:20 **Massive gravity and cosmology**

Speaker

Shinji Mukohyama

15:20

15:50

Group A, B, C Joint Session

Session | **Location:** Tohoku Univeristy | **Conveners:** Akimasa Ishikawa, Fuminobu Takahashi

15:50–16:30 **BSM searches at the ILC**

Speaker

Eriko Kato

16:30–17:10 **The Origin of Density Fluctuations and the Early Universe**

Speaker

Tomo Takahashi

17:10

Wednesday 23 October

10:00

Group A, B, C Joint Session

Session | **Location:** Tohoku Univeristy | **Convener:** Kanemura Shinya

10:00–10:40 **Top quark Theory at e+e- Colliders**

Speaker
Hiroshi Yokoya

10:40–11:20 **Top quark Measurements at the ILC**

Speaker
Akimasa Ishikawa

11:20–12:00 **New Physics Searches at the LHC and the ILC**

Speaker
Mihoko Nojiri

12:00

14:00

Group A, B, C Joint Session

Session | **Location:** Tohoku Univeristy | **Convener:** Kazunori Nakayama

14:00–14:40 **Probing SUSY Contributions to Muon g-2 at LHC and ILC**

Speaker
Motoi Endo

14:40–15:20 **Sterile Neutrino Cosmology**

Speaker
Alexander Kusenko

15:20

15:50

Group A, B, C Joint Session

Session | **Location:** Tohoku Univeristy | **Convener:** Tomo Takahashi

15:50–16:30 **A closer look at the CMB anisotropies**

Speaker
Kiyotomo Ichiki

16:30

Thursday 24 October

10:00

Group A, B, C Joint Session

Session | **Location:** Tohoku Univeristy | **Convener:** Fuminobu Takahashi

10:00–10:40 **Dynamics of reheating after inflation**

Speaker

Kazunori Nakayama

10:40–11:20 **WISPy Dark Matter**

Speaker

Redondo Javier

11:20–12:00 **Moduli-induced Axion Problem**

Speaker

Tetsutaro Higaki

12:00

14:00

Group A, B, C Joint Session

Session | **Location:** Tohoku Univeristy | **Convener:** Motoi Endo

14:00–14:40 **BSM**

Speaker

Ryuichiro Kitano

14:40–15:20 **Formulation of effective theories for dark matter direct detection**

Speaker

Natsumi NAGATA

15:20