

**Session Program**

**28 November 2016 to 2 December 2016**

**CosPA 2016**

***Particle physics***

# Tuesday 29 November

14:00

## Particle physics

**Session** | **Location:** SNH, 3003 | **Convener:** Dr Matthew Dolan

14:00–14:20 **Collider searches for Higgs portal DM models**

**Speaker**

pyungwon ko

14:20–14:40 **The muon  $g-2$  and dark matter in the MSSM at 100 TeV**

**Speaker**

Matthew Talia

14:40–15:00 **Mono-top/bottom signature in natural SUSY at LHC**

**Speaker**

Dr Lei Wu

15:00–15:20 **CP violating Top-Higgs couplings in Light of LHC Run-2**

**Speaker**

Dr Ning Liu

15:20–15:40 **Implication of ALEPH 30 GeV dimuon resonance at the LHC**

**Speaker**

Chaehyun Yu

15:40

# Thursday 1 December

16:10

## Particle physics

Session | Location: SNH, 3003 | Convener: Hai-Yang Cheng

16:10–16:30

### MeV scale leptonic force for cosmic neutrino spectrum and muon anomalous magnetic moment

**Speaker**

Prof. Joe Sato

16:30–16:50

### Search for a light $L_{\mu}$ - $L_{\tau}$ gauge boson at Belle II

**Speaker**

Ms Shihori Hoshino

16:50–17:10

### Partial Gauge Invariant SM

**Speaker**

Zurab Kepladze

17:10–17:30

### Radiative neutrino mass generation for a dimension 7 gauge-invariant operator and its implication for charge lepton flavor violation

**Speaker**

Mr Bahman Ghadirian

17:30