

## **Session Program**

**5 March 2014**

# **LHC students poster session**

## ***BSM searches***

CERN, 61/1-201 - Pas perdus - Not a meeting room -

## Wednesday 5 March

17:08

### BSM searches

**Poster Session** | **Location:** CERN, 61/1-201 - Pas perdus - Not a meeting room -

#### Search for the lepton flavour violating decay $\tau \rightarrow \mu^+ \mu^- \mu^-$ with the LHCb detector

**Speaker**

Laura Gavardi

#### Search for Higgs boson production within supersymmetric cascades in hadronic final states using invariant mass distribution and MT2 at CMS

**Speaker**

Mario Masciovecchio

#### Searches for electroweak SUSY production at CMS

**Speaker**

Marc Dunser

#### Search for excited quarks in the photon + jet final state in pp collisions at 8 TeV with the CMS experiment

**Speaker**

Varun Sharma

#### Search for top-squark pair production in the single-lepton final state in pp collisions at 8 TeV with the CMS experiment

**Speaker**

Alexandre Aubin

#### Search for a vector-like bottom quark partner at CMS

**Speaker**

Devdatta Majumder

#### Search for third generation scalar leptoquarks decaying to top quark - tau lepton pairs in pp collisions with the CMS detector

**Speaker**

Halil Saka

#### Search for new massive resonances in dilepton mass spectra in pp collisions at 8 TeV with the CMS detector

**Speaker**

Thomas Reis

#### A general search for new phenomena with the ATLAS detector at $\sqrt{s} = 8$ TeV

**Speaker**

Simone Amoroso

#### Search for charginos, neutralinos and sleptons in 1 or 2 lepton final state events with ATLAS

**Speakers**

Claire Anne Sophie David, Ryuichi Ueno

**Search for electroweak SUSY production with 3-leptons at ATLAS****Speaker**

Ryo Nagai

**Probes for magnetic monopoles with ATLAS and MoEDAL****Speaker**

Akshay Katre

**Search for vector-like quarks with charge ( $-1/3 e$ ) in final states with 3 or more leptons at CMS****Speaker**

Christian Contreras Campana

**Search for resonant Higgs-pair production in the bbbb final state with the ATLAS detector****Speaker**

Rebecca Jane Falla

19:00