

**Session Program**

**7-13 Feb 2016**

**Lake Louise Winter Institute 2016**

***Monday***

Chateau Lake Louise

# Monday 8 February

08:30

## Monday: MON-AM

**Session** | **Location:** Chateau Lake Louise, Mt. Temple A

08:30–09:30 **News from ATLAS**

**Speaker**

Dugan O'Neil

09:30–10:30 **Recent Highlights from CMS**

**Speaker**

Petar Maksimovic

10:30–10:45 **Tea break**

10:45–11:00

**h(125) boson measurements in ATLAS: run-1 legacy and early run-2 results**

**Speaker**

Camila Rangel Smith

11:00–11:15 **Higgs properties from CMS**

**Speaker**

Martina Machet

11:15–11:30 **Search for the Flavor-Changing Neutral Current Decay  $t \rightarrow qH$  at CMS**

**Speaker**

Yuan Chao

11:30–11:45

**Searches for new physics with leptons or jets at the ATLAS detector in LHC Run 2**

**Speaker**

Giovanni Siragusa

11:45–12:00

**Searches for new physics with bosons at the ATLAS detector in LHC Run 2**

**Speaker**

Dr Stephen Philip Marsden

12:00

19:30

## Monday: MON-PM - LHC precision physics and Poster Session

**Session** | **Location:** Chateau Lake Louise, Mt. Temple A

19:30–19:45 **Search for new physics in final states with jets and bosons at CMS**

**Speaker**

Juska Pekkanen

19:45–20:00 **Search for vector-like quarks at CMS**

**Speaker**

Aniello Spiezia

20:00-20:15

**Search for high mass resonances decaying to charged lepton and photon pairs at CMS****Speaker**

Soeren Erdweg

20:15-20:30

**Observation of CP violation in  $B^0 \rightarrow D_{CP(*)} h^0$  decays by a combined analysis using BaBar and Belle data****Speaker**

Abi Soffer

20:30-20:35

**Poster session talk 1 - Charged-particle distributions in  $\sqrt{s} = 13$  TeV pp interactions with ATLAS at the LHC****Speaker**

Valentina Cairo

20:35-20:40

**Poster session talk 2 - Search for dark matter produced in association with a Higgs boson decaying to two bottom quarks at  $\sqrt{s} = 8$  TeV with the ATLAS detector.****Speaker**

Jia Jian Teoh

20:40-20:45

**Poster session talk 3 - Search for squarks and gluinos with the ATLAS detector in final states with jets and transverse missing momentum using 2015 data****Speaker**

Shunsuke Adachi

20:45-20:50

**Poster session talk 4 - Measurement of top quark pairs differential cross-sections at  $\sqrt{s} = 8$  TeV with the ATLAS detector****Speaker**

Riccardo Di Sipio

20:50-20:55

**Poster session talk 5****Speaker**

Colin Barschel

20:55-21:00

**Poster session talk 6- the LZ dark matter experiment****Speaker**

Dr Christina Ignarra

21:15-22:45

**Poster session**

23:05