

Session Program

9-15 Feb 2020



Lake Louise Winter Institute 2020

Monday

Chateau Lake Louise
Lake Louise, AB, CANADA

Monday 10 February

08:25

Monday: MON-AM - LHC

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

08:25–08:30 **Welcome**

08:30–09:30 **Recent results from the LHC**

Speaker

Alex Martyniuk

09:30–09:45 **Constraining the Higgs boson self-coupling at the ATLAS experiment**

Speaker

Biagio Di Micco

09:45–10:00

Search for rare and lepton flavor violating decays of the Higgs boson with the ATLAS detector

Speaker

Eric Drechsler

10:00–10:15 **Searches for neutral heavy Higgs bosons in fermionic decays in CMS**

Speaker

Antonio Vagnerini

10:15–10:30 **Searches for additional Higgs bosons in ATLAS**

Speaker

Kenji Hamano

10:30–11:00 **Tea break**

11:00–11:15 **ATLAS Searches for VV, VH and HH Resonances**

Speaker

Nicolo Vladi Biesuz

11:15–11:30

Search for new heavy resonances in leptonic or hadronic final states with the ATLAS detector

Speaker

Matthew Feickert

11:30–11:45

Performing precision measurements and new physics searches at the HL-LHC with the upgraded CMS Level-1 Trigger

Speaker

Alexei Safonov

12:00

17:30

Monday: MON-PM - BSM physics**Session** | **Location:** Chateau Lake Louise, Mt. Temple A**17:30-18:30** **BSM physics review****Speaker**

Kohsaku Tobioka

18:30-18:45**Searches for electroweak production of supersymmetric particles with the ATLAS detector****Speakers**

Baduyo Cheng, Jonathan Long

18:45-19:00**Searches for strong production of supersymmetric particles with the ATLAS detector****Speaker**

Jonathan Long

19:00-19:15**Search for new physics with disappearing tracks****Speaker**

Chris Hill

19:15-19:30**Search for BSM physics using challenging and long-lived signatures with the ATLAS detector****Speaker**

Carlo Dallapiccola

19:30-19:45**Excited Lepton Searches in CMS****Speaker**

Jonas Till Roemer

19:45