

Session Program

20-26 Feb 2022



Lake Louise Winter Institute 2022

Friday

Chateau Lake Louise
Lake Louise, AB, CANADA

Friday 25 February

08:30

Friday: FRI-AM - LHC and Flavor

Session | **Location:** Chateau Lake Louise, Victoria | **Convener:** Stefania Gori

08:30–09:30 **QCD at LHC**

Speaker
Fabrizio Caola

09:30–09:45

Quantum computing approaches for simulating parton showers in high energy collisions

Speaker
Simon Williams

09:45–10:00

Measurements of multi-boson production including vector-boson scattering at ATLAS

Speaker
Ben Carlson

10:00–10:15 **Vector boson production in association with jets**

Speaker
Alexei Safonov

10:15–10:30 **Tea break**

10:30–11:30 **Flavor physics**

Speaker
Wolfgang Altmannshofer

11:30–11:45

Searches for new phenomena in final states with 3rd generation quarks using the ATLAS detector

Speaker
Joseph Haley

12:00

17:00

Friday: FRI-PM - Flavor

Session | **Location:** Chateau Lake Louise, Victoria | **Convener:** Wolfgang Altmannshofer

17:00–17:15 **New results on semileptonic B decays at Belle**

Speaker
Frank Meier

17:15–17:30 **Latest semileptonic results from Belle II**

Speaker
Hannah Wakeling

17:30-17:45

Lepton Flavour Universality and the Lepton Flavour Violation in $\Upsilon(3S)$ decays at BABAR**Speaker**

Hossain Ahmed

17:45-18:00

ATLAS measurements of CP violation and rare decay processes with beauty mesons**Speaker**

Tomas Jakoubek

18:00-18:15

Latest EW and radiative penguin results from Belle II**Speaker**

Tristan Fillinger

18:15-18:30

Tea break

18:30-18:45

ATLAS results on charmonium production and B_c production and decays**Speaker**

Sally Seidel

18:45-19:00

Latest charm results from Belle II**Speaker**

Saroj Pokharel

19:00-19:15

Latest dark sector and tau results from Belle II**Speaker**

Miho Wakai

19:15-19:30

Measurement of PEP-II Beam Polarization with Tau Polarimetry**Speaker**

Caleb Miller

19:30-19:45

NA62**Speaker**

Michal Zamkovsky

19:45-20:00

FASER**Speaker**

Deion Elgin Fellers

20:00