

Session Program

2-8 Mar 2025



Lake Louise Winter Institute 2025

Friday

Chateau Lake Louise
Lake Louise, AB, CANADA

Thursday 6 March

08:45

Friday: FRI-AM - BSM 1

Session | **Location:** Chateau Lake Louise, Mt Temple A | **Convener:** Saeed Rastgoo

08:45–09:45

Our favorite BSM theories didn't show up. Where did they go?

Speaker

Philip Tanedo

09:45–10:00

Highlights on associated top quark production and searches for new top-quark phenomena with the ATLAS detector

Speaker

Marc Tost

10:00–10:15

Searches for electroweak production of supersymmetric particles with the ATLAS detector

Speaker

Marco Aparo

10:15–10:30

Searches for strong production of supersymmetric particles with the ATLAS detector

Speaker

Claudia Merlassino

10:30–10:45

Tea break

10:45–11:00

Searches for BSM physics in non-resonant or long-lived signatures with the ATLAS detector

Speaker

Benjamin John Rosser

11:00–11:15

Searches for Exotic Heavy Resonances with the ATLAS detector

Speaker

Hui-Chi Lin

11:15–11:30

Searches for new physics in events with dileptons and b quarks

Speaker

Norbert Neumeister

11:30–11:45

DarkLight

Speaker

Jan Christopher Bernauer

11:45–12:00

FASER BSM

12:00

17:00

20:00

Speaker

Roshan Mammen Abraham

Friday: FRI-PM BSM2**Session** | **Location:** Chateau Lake Louise, Mt Temple A | **Convener:** Philip Tanedo

17:00–17:15

Baryon Form Factors Studies at BESIII**Speaker**

Francesco Rosini

17:15–17:30

Recent ISR results from BABAR for the data-driven prediction of the muon g-2**Speaker**

Georges Vasseur

17:30–17:45

New $BR(K^+ \rightarrow \pi^+ \nu \bar{\nu})$ measurement at NA62**Speaker**

Silvia Martellotti

17:45–18:00

The Mu2e Experiment at Fermilab; Overview, Status, and Prospects for Uncovering New Physics**Speaker**

Kamal Benslama

18:00–18:15

Muon EDM Search at Muon g-2**Speaker**

Lucy Bailey

18:15–18:30

The milliQan experiment**Speaker**

Michael Carrigan

18:30–18:45

Tea break

18:45–19:45

Stellar evolution**Speaker**

Natalia Ivanova