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**

Speaker
Roshan Mammen Abraham

12:00

17:00

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+ → π+νν) 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

20:00