

Session Program

18-24 Feb 2024



Lake Louise Winter Institute 2024

Friday

Chateau Lake Louise
Lake Louise, AB, CANADA

Friday 23 February

08:30

Friday: FRI-AM - Cosmology and BSM

Session | **Location:** Chateau Lake Louise, Mt Temple A | **Convener:** Cris Panda

08:30–09:30

The Landscape of Cosmic Possibilities

Speaker

Jeff Dror

09:30–09:45

FASER BSM

Speaker

Eli Welch

09:45–10:00

Searches for Dark Matter with the ATLAS Experiment at the LHC

Speaker

Matteo Bause

10:00–10:15

Searches for Supersymmetry with CMS

Speaker

Valentina Dutta

10:15–10:40

Tea break

10:40–10:55

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

Speakers

Meng-Ju Tsai, Tiesheng Dai

10:55–11:10

Searches for Exotic Heavy Resonances with the ATLAS detector

Speaker

Marija Marjanovic

11:10–11:25

Searches for resonances decaying to pairs of heavy bosons in ATLAS

Speaker

Francesco Conventi

11:25–11:40

Enhancing CMS low-mass searches with data scouting: from Run 2 to Run 3

Speaker

Elisa Fontanesi

11:40–11:55

Precision measurements in W and Z decays with the ATLAS Experiment

Speaker

Dr Federico Sforza

12:00

17:00

Friday: FRI-PM - Cold atoms, heavy ions, etc.**Session** | **Location:** Chateau Lake Louise, Mt Temple A | **Convener:** Alexander Penin**17:00-17:20 ALICE****Speaker**

Edmundo Garcia-Solis

17:20-17:35 MEG-II**Speaker**

Atsushi Oya

17:35-17:50 NA62**Speaker**

Vincent Wai Sum Wong

17:50-18:05 Light exotics at BESIII**Speaker**

Tingting Han

18:05-18:20 Hyperon physics at BESIII**Speaker**

Hongfei Shen

18:20-18:35 Tea break**18:35-18:50 DarkLight****Speaker**

Laura Miller

18:50-19:50 How to measure gravity by holding atoms**Speaker**

Cris Panda

19:50-19:55 Closing remarks**Speaker**

Alexander Penin

19:55