

Session Program

Feb 18 - 24, 2024



Lake Louise Winter Institute 2024

Friday

Chateau Lake Louise
Lake Louise, AB, CANADA

Fri, February 23

8:30 AM

Friday: FRI-AM - Cosmology and BSM

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

8:30 - 9:30 AM **The Landscape of Cosmic Possibilities**

Speaker

Jeff Dror

9:30 - 9:45 AM **FASER BSM**

Speaker

Eli Welch

9:45 - 10:00 AM **Searches for Dark Matter with the ATLAS Experiment at the LHC**

Speaker

Matteo Bauce

10:00 - 10:15 AM **Searches for Supersymmetry with CMS**

Speaker

Valentina Dutta

10:15 - 10:40 AM **Tea break**

10:40 - 10:55 AM

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 AM **Searches for Exotic Heavy Resonances with the ATLAS detector**

Speaker

Marija Marjanovic

11:10 - 11:25 AM

Searches for resonances decaying to pairs of heavy bosons in ATLAS

Speaker

Francesco Conventi

11:25 - 11:40 AM

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

Speaker

Elisa Fontanesi

11:40 - 11:55 AM

Precision measurements in W and Z decays with the ATLAS Experiment

Speaker

Dr Federico Sforza

12:00 PM

5:00 PM

Friday: FRI-PM - Cold atoms, heavy ions, etc.**Session** | **Location:** Chateau Lake Louise, Mt Temple A | **Convener:** Alexander Penin5:00 – 5:20 PM **ALICE****Speaker**

Edmundo Garcia-Solis

5:20 – 5:35 PM **MEG-II****Speaker**

Atsushi Oya

5:35 – 5:50 PM **NA62****Speaker**

Vincent Wai Sum Wong

5:50 – 6:05 PM **Light exotics at BESIII****Speaker**

Tingting Han

6:05 – 6:20 PM **Hyperon physics at BESIII****Speaker**

Hongfei Shen

6:20 – 6:35 PM **Tea break**6:35 – 6:50 PM **DarkLight****Speaker**

Laura Miller

6:50 – 7:50 PM **How to measure gravity by holding atoms****Speaker**

Cris Panda

7:50 – 7:55 PM **Closing remarks****Speaker**

Alexander Penin

7:55 PM