

Session Program

18-24 Feb 2024



Lake Louise Winter Institute 2024

Tuesday

Chateau Lake Louise
Lake Louise, AB, CANADA

Tuesday 20 February

08:30

Tuesday: TUE-AM Dark Matter and LHC

Session | **Location:** Chateau Lake Louise, Mt Temple A | **Convener:** Alexander Lenz

08:30–08:45

DarkSide

Speaker

Jelena Maricic

08:45–09:00

Silicon Photomultiplier (SiPM) Development for ARGO

Speaker

Seraphim Koulosousas

09:00–09:15

ADMX

Speaker

Tom Braine

09:15–09:30

DELight

Speaker

Christian Enss

09:30–10:30

High precision physics at LHC

Speaker

Kirill Melnikov

10:30–10:45

Tea break

10:45–11:00

Recent highlights of top-quark cross section and properties measurements with the ATLAS detector at the LHC

Speaker

Stefan Richter

11:00–11:15

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

Speaker

Sahal Yacoob

11:15–11:30

Probing EFT couplings in the top quark sector

Speaker

Kelci Ann Mohrman

11:30–11:45

Recent highlights of top-quark property measurements from CMS

Speaker

Andrew Wildridge

11:45–12:00

Measurements of QCD with the ATLAS Detector

12:00
20:00
22:00

Speaker
Jonathan Butterworth

Tuesday: Special evening session: Black holes

Session | **Location:** Chateau Lake Louise, Mt Temple A | **Convener:** Jeff Dror

20:00–21:00 **Hawking radiation and the time evolution of an analogue black hole**

Speaker
Jeff Steinhauer

21:00–22:00 **Gravitational Labs for Nuclear Physics**

Speaker
Reed Essick