

Session Program

Feb 18 - 24, 2024



Lake Louise Winter Institute 2024

Tuesday

Chateau Lake Louise
Lake Louise, AB, CANADA

Tue, February 20

8:30 AM

Tuesday: TUE-AM Dark Matter and LHC

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

8:30 – 8:45 AM **DarkSide**

Speaker

Jelena Maricic

8:45 – 9:00 AM **Silicon Photomultiplier (SiPM) Development for ARGO**

Speaker

Seraphim Koulosousas

9:00 – 9:15 AM **ADMX**

Speaker

Tom Braine

9:15 – 9:30 AM **DELight**

Speaker

Christian Enss

9:30 – 10:30 AM **High precision physics at LHC**

Speaker

Kirill Melnikov

10:30 – 10:45 AM **Tea break**

10:45 – 11:00 AM

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

Speaker

Stefan Richter

11:00 – 11:15 AM

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 AM **Probing EFT couplings in the top quark sector**

Speaker

Kelci Ann Mohrman

11:30 – 11:45 AM **Recent highlights of top-quark property measurements from CMS**

Speaker

Andrew Wildridge

11:45 AM – 12:00 PM **Measurements of QCD with the ATLAS Detector**

12:00 PM	Speaker Jonathan Butterworth
8:00 PM	Tuesday: Special evening session: Black holes Session Location: Chateau Lake Louise, Mt Temple A Convener: Jeff Dror
	8:00 - 9:00 PM Hawking radiation and the time evolution of an analogue black hole Speaker Jeff Steinhauer
10:00 PM	9:00 - 10:00 PM Gravitational Labs for Nuclear Physics Speaker Reed Essick