



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

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Type: **Invited Speaker** / **Conférencier(ère) invité(e)**

(I) Recent Physics Highlights from the ATLAS Experiment

Monday 19 June 2023 16:00 (30 minutes)

The ATLAS experiment recorded 140 fb in the LHC's $\sqrt{s} = 13$ TeV Run 2, and the analysis of this high-quality and well-understood dataset continues. Canadian physicists are involved in all aspects of data analysis, from the trigger systems to reconstruction to physics results. Recent results, including highlights from Higgs properties and precision measurements of the Standard Model, as well as searches for new physics, will be discussed.

Keyword-1

ATLAS

Keyword-2

HEP

Keyword-3

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Track Classification: Technical Sessions / Sessions techniques: Particle Physics / Physique des particules (PPD)