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(I) ATLAS Run-3 Operations and Highlights

Monday 19 June 2023 14:00 (30 minutes)

The Large Hadron Collider restarted collisions at $\sqrt{s} = 13.6$ TeV in 2022, beginning the start of a planned 4-year Run 3. The ATLAS experiment is now commissioning several upgraded detector systems to best take advantage of the new dataset, including the New Small Wheels and phase-1 liquid argon electronics upgrade to which Canadian physicists made substantial contributions. This talk will highlight the ongoing status of data-taking and commissioning of these systems, and highlight the first physics results from ATLAS utilizing the run 3 dataset.

Keyword-1

ATLAS

Keyword-2

HEP

Keyword-3

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