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Operation and Performance of the ATLAS detector in LHC Run II

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The ATLAS detector at CERN in Geneva, Switzerland, detects the particles produced in proton-proton collisions created by the Large Hadron Collider. Following the very successful Run I data taking period during 2009-2012 where the proton-proton collision energy was at maximum 8 TeV, we have now started the Run II data taking period with the significantly higher collision energy of 13 TeV. This talk will present the status of the operations and performance of the ATLAS detector, including details on data acquisition, trigger, reconstruction and calibration performance.

Particular focus will be given to the Canadian contributions.

Author: GILLBERG, Dag (Carleton University)

Presenter: GILLBERG, Dag (Carleton University)

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