

Abstract Submitted
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The Monte Carlo Simulation for the ATLAS Experiment WEI CHENG WONG, University of Texas at Dallas, ATLAS COLLABORATION — The Monte Carlo simulation of physics events and the ATLAS detector has been a critical part of the Atlas experiment operated at the Large Hadron Collider (LHC) at CERN. Large samples of simulated physics events have been produced that are used for physics and the study of the complex detector. The cutting edge techniques and facilities, including the Grid Computing, the operation of the storage system, simulation validations, user access to the simulated events, the ATLAS Experiment Data Management System, and the user experience, will be presented.

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