

# The ATLAS Detector at the CERN Large Hadron Collider

Peter Krieger

University of Toronto

Later this year, after almost two decades of planning and preparations, the CERN Large Hadron Collider will begin producing collisions between 7 TeV beams of protons. Two general purpose experiments, ATLAS and CMS, will record the products of these collisions, opening up, for the first time, an experimental window on physics at the TeV scale. This talk will review the motivations for the LHC experimental programme and summarize the status of the LHC construction, and the construction and commissioning of the ATLAS detector, in which Canada has long played a leading role.