

Muon Detector Description

The detector description in the ATLAS simulation has clashes, i.e. two or more entities occupy overlapping regions in space. The problem is particularly severe in the muon detector system because of its complicated geometry. There was an extensive campaign in 2008 to eradicate this problem. In addition to providing expert advice to others, SLAC's Geant4 experts worked directly on the active detector elements to eliminate clashes.