## New fitting concept in ATLAS muon tracking for the LHC Run II.

Pierre-François Giraud, Peter Kluit, William Leight, Jochen Meyer, Edward Moyse, Alan Poppleton on behalf of the ATLAS Collaboration













DESY.

treated as a constant average value: it is implemented as a scatterer energy. Using an AEOT to describe this misalignment instead would allow for additional realism and greatly improve the granularity with

Additionally, it is important to work to streamline and clean up and the consumption is inevitable due to the increased size of the matrix that

