

# **Impact of magnetic non-linearities, BPM performance & x-y coupling on ATLAS length-scale calibrations**

*Wednesday 12 March 2025 09:00 (25 minutes)*

- including the systematic uncertainties associated w/ DOROS-BPM performance limitations, e.g. non-reproducibility of the BPM length scale, their response to beam-beam deflections and their apparent out-of-plane coupling

**Presenter:** HAWKINGS, Richard (CERN)

**Session Classification:** Impact of accelerator instrumental issues on luminosity calibrations