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Diffraction measurements using LHC Beam Loss Monitoring system

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The beam losses in the Large Hadron Collider (LHC) are monitored with an array of detectors spread around the ring. The main function of the Beam Loss Monitoring (BLM) system is to protect the machine elements from beam losses that could cause damage to them. We will present the BLM system and discuss its capabilities and limitations in diffractive event detection, main focus being in the CEP event analysis.

Primary author: KALLIOKOSKI, Matti (CERN)

Co-authors: LÄMSÄ, Jerry (Iowa State University); MIESKOLAINEN, Mikael (Helsinki Institute of Physics, University of Helsinki); ORAVA, Risto (Helsinki Inst. of Physics and Univ. of Helsinki, CERN)

Presenter: KALLIOKOSKI, Matti (CERN)

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