



Laboratoire LEPRINCE-RINGUET
Ecole polytechnique IN2P3/CNRS

Séminaire

Pileup mitigation at the LHC: a theorist's view

Pileup affects all measurements at the LHC, biasing and smearing all observables. In this talk, I will discuss basic considerations about pileup. I will then review the main method that has been used at the LHC to correct for pileup contamination, namely the area-median method. I will then discuss more recent techniques, putting an emphasis on the associated challenges. As a candidate for improved pileup mitigation, I will discuss the SoftKiller approach.

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Salle de conférence
du LLR 05-2021

Lundi 09 Avril
14h00

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Responsables séminaires

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