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Type: **Plenary Talk**

Pileup mitigation techniques in CMS (20'+10')

Monday, July 22, 2019 11:00 AM (30 minutes)

We present tools developed by CMS for LHC Run II designed for pileup mitigation in the context of jets, MET, lepton isolation, and substructure tagging variables. Pileup mitigation techniques of “Pileup per particle ID” (PUPPI), and pileup jet identification are presented in detail along with the validation in data.

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Session Classification: Session