

Overview of CMS luminosity determination

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Overview of CMS luminosity-determination methodology in Run III, and comparison to Run-II methodology (both pp and HI)

- Global view of
 - calibration strategy: vdM, LSC, calibration-transfer / non-linearity corrections, instrumental corrections, ...
 - long-term monitoring strategy, conceptual definition of CT + LTS systematic uncertainties
- Description of calibration procedures (vdM scans, LSC, calibration-transfer, instrumental corrections) & associated systems
- What was achieved; key issues

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Session Classification: Luminosity determination in Run III, and associated uncertainties