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Experiences from the RPC data taking during the CMS Run-2

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The CMS experiment collected 160fb^{-1} of proton-proton collision data at $\sqrt{s}=13\text{TeV}$ during the Run-2 data taking period. Successful data taking at increasing instantaneous luminosities with the evolving detector configuration was a big achievement of the collaboration. The CMS RPC system provided redundant information for the robust muon triggering, reconstruction and identification. To ensure the stable data taking, the CMS RPC collaboration has performed detector operation, calibration and performance studies. Various software and related tools are developed and maintained accordingly. In this presentation, the overall performance of the CMS RPC system and experiences of the data taking during the Run-2 period are summarized.

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