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Offline data processing and analysis at LHCb in the 2020s

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The LHCb experiment has undergone a comprehensive upgrade in preparation for data taking in 2022 and beyond. The offline computing model has been completely redesigned in order to process the much higher data volumes originating from the detector and the associated demands of simulated samples of ever-increasing size. This contribution presents the evolution of the data processing model with a focus on the various applications that have been developed to prepare LHC Run 3 data for analysis, from centralised processing to user data analysis.

In-person participation

Yes

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