Contribution ID: **419** Type: **presentation**

Towards a computing model for the LHCb Upgrade

Thursday 12 July 2018 14:15 (15 minutes)

The LHCb experiment will be upgraded for data taking in the LHC Run 3. The foreseen trigger output bandwidth trigger of a few GB/s will result in datasets of tens of PB per year, which need to be efficiently streamed and stored offline for low-latency data analysis. In addition, simulation samples of up to two orders of magnitude larger than those currently simulated are envisaged, with big impact on offline computing and storage resources.
This contribution discusses the offline computing model and the required offline resources for the LHCb Upgrade, as resulting from the above requirements.

Authors: BOZZI, Concezio (CERN and INFN Ferrara); ROISER, Stefan (CERN)

Presenter: ROISER, Stefan (CERN)

Session Classification: T3 - Distributed computing

Track Classification: Track 3 –Distributed computing