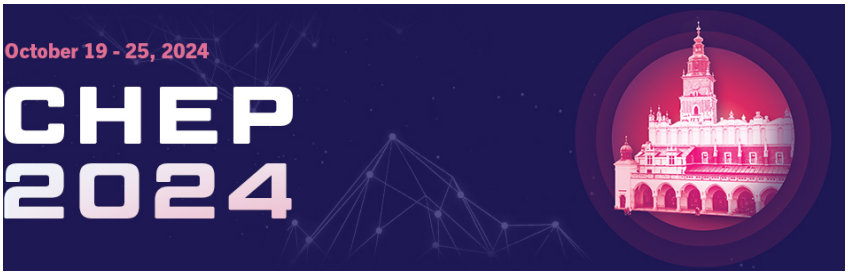

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Operational experience from the Spanish CMS Analysis Facility at CIEMAT

Wednesday 23 October 2024 16:51 (18 minutes)

The anticipated surge in data volumes generated by the LHC in the coming years, especially during the High-Luminosity LHC phase, will reshape how physicists conduct their analysis. This necessitates a shift in programming paradigms and techniques for the final stages of analysis. As a result, there's a growing recognition within the community of the need for new computing infrastructures tailored to these evolving demands. To meet this need, the recently established Analysis Facility at the CIEMAT institute is already providing crucial support to the local analysis community. This contribution will describe the diverse resources and functionalities provided by the new facility, its expansion to complementary resources also available at CIEMAT, as well as the important feedback gained from the operational experience by the users.

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