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Common Analysis Tools in CMS

Thursday, 14 March 2024 15:10 (20 minutes)

The CMS experiment has recently established a new Common Analysis Tools (CAT) group. The CAT group implements a forum for the discussion, dissemination, organization and development of analysis tools, broadly bridging the gap between the CMS data and simulation datasets and the publication-grade plots and results. In this talk we discuss some of the recent developments carried out in the group, including the structure of the group, the facilities and services provided, the communication channels, the ongoing developments in the context of frameworks for data processing, strategies for the management of analysis workflows and their preservation and tools for the statistical interpretation of analysis results.

Significance

This is the first public presentation of the CMS Common Analysis Tools group

References

Experiment context, if any

CMS

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Session Classification: Track 2: Data Analysis - Algorithms and Tools

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