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Practical concerns in statistical combinations at ATLAS and CMS

Tuesday 20 October 2020 14:00 (30 minutes)

The ATLAS and CMS collaborations have produced numerous results during the first two data-taking runs of the LHC, ranging from precision measurements of SM processes to searches for exotic phenomena and the discovery of the Higgs boson. These results make use of (often complex) statistical techniques, both for the publications and during the development and review of the data analysis/ In this talk, I will cover some of the common practices and tools used at both ATLAS and CMS to produce these results, and practical considerations for performing combinations across different channels or experiments.

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