LHADA, from an analysis description to the result reinterpretation

Tuesday 15 May 2018 17:30 (15 minutes)

LHC result reinterpretation typically requires more information than provided in the result publication. It includes detector response effects, acceptances of the different steps of the event selections needed to validate the analysis emulation, and possibly complements on the event selection and analysis procedure. A standard to unambiguously describe an LHC analysis and provides all needed information was proposed two years ago. In the last two years, we have moved from a concept to concrete tools. I will present the use of the Les Houches analysis description accord to present LHC results, the automatic generation of analysis reinterpretation code, and the validation of the analysis description. This approach will be compared with the alternative ones.

Presentation

Talk given in person

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