

Non-linear corrections

Tuesday 13 December 2016 16:30 (15 minutes)

Main points to be addressed:

- Status of non-linear corrections in the LHC
- Present and future needs for IR non-linear corrections (LHC, HL-LHC)
 - o Do we need them in LHC at $b^* \sim 30\text{cm}$?
- Methods and MD results
- IR non-linear corrections for operation in 2017:
 - o Are methods and tools ready?
 - o What are the requirements in terms of commissioning time?

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Session Classification: SESSION 3: PERFORMANCE 1