Contribution ID: **86** Type: **not specified**

NNLO precision phenomenology with MCFM

Monday, 15 July 2019 14:50 (20 minutes)

We present newest advancements in MCFM 9.0 for per-mille level precision physics at NNLO. A focus of this update is determining precise predictions of PDF uncertainties at NNLO and differences between PDF sets at NNLO accuracy. We also present performance improvements for all NNLO processes through the inclusion of power corrections and an improved integration that enable such studies.

Primary author: NEUMANN, Tobias

Co-author: Dr CAMPBELL, John (Fermilab)

Presenter: NEUMANN, Tobias

Session Classification: pQCD/MC

Track Classification: PQCD/MC