



# CERN Joint EP/PP Seminars

SPEAKER: Keith Ellis (FNAL)  
TITLE: **More precise predictions for hard processes at the Tevatron and the LHC**  
DATE: Tue 24/03/2009 16:30  
PLACE: Main Auditorium\*\*

## ABSTRACT

I review the status of next-to-leading order QCD as applied to hard processes at the Tevatron and the LHC. Next-to-leading order QCD generally leads to an improvement of the precision of theoretical calculations. I will briefly describe the theoretical advances that lead to optimism that all hard processes can be calculated at NLO. Recent applications of the NLO parton level generator MCFM will be presented.