

# XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



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## Recent Highlights of Precision QCD at the LHC

*Monday, 23 March 2020 16:40 (35 minutes)*

An impressive amount of data from the Large Hadron Collider (LHC) is allowing searches for physics beyond the Standard Model with remarkable reach. Uncovering the mysteries potentially hiding in this data requires a precision understanding of Quantum Chromodynamics (QCD) both for signal and background processes. In this talk I review recent theoretical progress in our ability to understand QCD at the requisite level, focusing on fixed order calculations in perturbative QCD.

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