

# XXIV International Workshop on Deep-Inelastic Scattering and Related Subjects (DIS16)



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## Parton distributions at a 100 TeV hadron collider

*Tuesday, 12 April 2016 15:14 (20 minutes)*

We discuss the role of QCD and precision SM calculations for the physics program of a 100 TeV hadron collider. In particular, we discuss the role of parton distributions, jet and top quark production, electroweak and photon-induced corrections and global event properties at 100 TeV. This talk summarizes the Standard Model chapter of the FCC-hh Conceptual Design Report.

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**Session Classification:** WG1/WG7 joint session (PDF+future exp.)

**Track Classification:** Future Experiments