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New insights on the proton's structure

Tuesday, 18 December 2018 16:00 (1 hour)

I will review the recent progress on the understanding the proton's structure, and specifically the Parton Distribution Functions (PDFs) that describe the longitudinal momentum distributions of its constituents. I will mostly focus on the inclusion of the resummation of classes of logarithms in the theory adopted for their extraction from data. I will also comment on the phenomenological impact at the LHC of these developments.

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