XIIth Quark Confinement and the Hadron Spectrum



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Recent experimental results on hadron structure, GPDs and TMDs

Tuesday 30 August 2016 16:00 (30 minutes)

A gobal effort is ongoing in the study of transverse-momentum dependent structure functions and in generalised parton distribution functions. Both are linked to orbital angular momentum of quarks and gluons in the nucleon. Recent results from various experiments will be discussed.

Summary

The talk will summarise recent experimental results on hadron structure functions from inclusive and semi-inclusive deep inelastic scattering as well as from deeply virtual Compton scattering, hard exclusive meson production and Drell-Yan processes and proton-proton collisions. The focus will be on results related to transverse momentum dependent PDFs, generalized parton distributions and nucleon spin structure.

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