XIIth Quark Confinement and the Hadron Spectrum



Contribution ID: 311 Type: not specified

Recent Progress on Intrinsic Charm

Tuesday, 30 August 2016 18:30 (20 minutes)

In the previous decade, the topic of the nucleon's nonperturbative or *intrinsic* charm content has enjoyed something of a renaissance, largely motivated by theoretical developments involving quark modelers and PDF-fitters. In this talk I will briefly describe the importance of intrinsic charm to various issues in high-energy phenomenology, and survey recent progress in constraining its overall normalization and contribution to the momentum sum rule of the nucleon. I end with the conclusion that progress on the side of calculation has now placed the onus on experiment to unambiguously resolve the proton's intrinsic charm component.

Summary

Primary author: Dr HOBBS, Timothy (University of Washington)

Presenter: Dr HOBBS, Timothy (University of Washington)

Session Classification: Section E

Track Classification: Section E: QCD and New Physics