Contribution ID: **210** Type: **not specified**

Does Confinement Influence High Energy Scattering?

Thursday 11 September 2014 17:50 (20 minutes)

Formulation of confinement is discussed in the framework of general principles of q.f.t.
Characteristic space-time scales which define the bulk of high-energy hadron scattering are derived.

Summary

Confinement leads to specific analytic properties of quark-gluon Green functions.
One of the general consequences is the degeneracy of Regge trajectories including the Pomeron.
The bulk of hadronic scattering at high energies is defined by large distances and long times.

Author: Prof. PETROV, Vladimir (IHEP)

Presenter: Prof. PETROV, Vladimir (IHEP)

Session Classification: Parallel II: B8 Light Quarks

Track Classification: Section B: Light Quarks