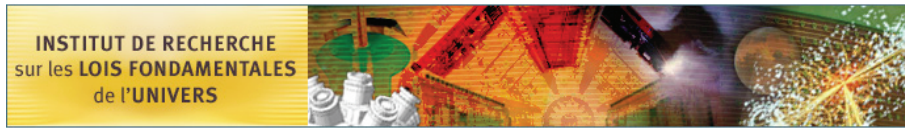


Service de Physique Nucléaire



Séminaire

le mardi 25 juin 2013 à 11h00

ATTENTION : Jour inhabituel!!

CEA Saclay, Orme des Merisiers, Bât. 703, Salle 135

Parton physics on a lattice in the Bjorken frame

Xiangdong Ji

Department of Physics, University of Maryland, USA

The parton physics related to correlations of quarks and gluons on the light-cone can be studied through the matrix elements of pure spatial correlators in the Bjorken frame. This observation allows practical calculations of parton properties on a Euclidean lattice. This includes Feynman parton distributions, generalized parton distributions, transverse-momentum-dependent distributions, as well as more generally, light-cone wave functions. It also allows one to understand the physics of gluon polarization in a polarized proton.

Le café sera servi 10 minutes avant

Contact : S.Platchkov@cea.fr Tel : 01 69 08 74 59
http://irfu-i.cea.fr/Phocea/Vie_des_labos/Seminaires/index.php