Organisé conjointement par
CPHT-École Polytechnique et Groupe Théorie IPN Orsay

SÉMINAIRE de PHYSIQUE des PARTICULES

Matthias Burkardt
(NMSU)

Nucleon Tomography

Résumé :
Generalized parton distributions embody information on both the longitudinal momentum of the quarks as well as their transverse position and thus allow determining a 3-dimensional image of the nucleon. For transversely polarized quarks and or nucleons, the resulting transverse deformation of these images provides new insight on nucleon spin structure and spin-orbit correlations. Twist-3 GPDs provide additional information on the dependence of transverse forces on the impact parameter.

Jeudi 28 Juin 2018

11:00

Salle de conférences Louis Michel, bât. 6