

Seminarium Zakładu Fizyki Teoretycznej

Departament Badań Podstawowych
Narodowego Centrum Badań Jądrowych

24 lipca 2019 r. (środa), godz.12:15
NCBJ, sala 404, Pasteura 7

Dr. Guillaume Beuf

(University of Jyväskylä, Finland)

High-energy QCD: towards precision

ABSTRACT:

In this talk, I will discuss some recent and ongoing theoretical progresses concerning Quantum Chromodynamics in the regime of high-energy scattering, or equivalently low Bjorken x , in which the nonlinearity of the gluon field dynamics is essential. I will focus mostly on advances in higher order computations, aiming at a precise description of this nonlinear regime.

Serdecznie zapraszamy,

M. Kowal, W. Piechocki, J. Skalski, L. Szymanowski