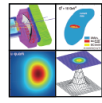


POETIC6



POETIC VI

September 7th-11th 2015
Palaiseau, France

6th International Conference on Physics Opportunities at an Electron-Ion Collider

Monday, 7 September 2015 - Friday, 11 September 2015

Ecole Polytechnique

Scientific Programme

Small-x and saturation

QCD at high parton densities and small-x evolution: BFKL, Color Glass Condensate.

Conveners: C. Marquet, S. Wallon

PDFs and nPDFs, FFs and jets

Quark and gluon content of nucleons and nuclei: (nuclear) parton distribution functions, hadron and jet fragmentation

Conveners: I. Schienbein, G. Soyez

Spin and 3-d structure

Spin and 3D structure: helicity distributions, transverse momentum dependent (TMDs) and generalized parton distributions (GPDs)

Conveners: B. Pire, S. Wallon

Connection with pp, pA and AA physics

Complementarity and connections of EIC physics with p+p, p+A and A+A collisions: high-pt processes, diffraction, multi-parton interactions, quark-gluon plasma, colored probes in cold and hot nuclear matter, modifications of quarkonia production, jet formation and evolution, hadronization

Conveners: F. Arleo, R. Dupre, G. Soyez

Beyond the Standard Model

Physics beyond the Standard Model and connections to other areas in physics

Convener: I. Schienbein

Future DIS facilities

Future DIS facilities: accelerator and detector developments

Conveners: R. Dupré, F. Sabatié

