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Type: Oral presentation

Probing High-x Structure of Nuclei with EIC

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Probing the high-x partonic structure of nuclei opens a window in investigation of several outstanding issues of nuclear dynamics such as dynamics of the quark/hadron transition, medium modification of partonic distributions, and ultimately mechanism of the nuclear repulsive core.

Several inclusive and semi-inclusive deep-inelastic processes will be discussed relevant to EIC kinematics with evaluation of the sensitivity to the above discussed nuclear phenomena. We also will discuss how the possible high-x program at EIC can advance the research on the physics of cold dense nuclear matter relevant to nuclear astrophysics.

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Classification de Session: Parallel session B

Classification de thématique: Physics