



# **Towards Quantum Imaging of Nuclei**

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The quantum imaging of the nucleon in terms of quarks and gluons might reveal the origin of spin, mass, and other fundamental properties of nucleons. The advancement of such a program has motivated the JLab 12 GeV upgrade and the future Electron-Ion Collider (EIC). In this seminar, I will describe recent progress on experiments seeking to perform quantum imaging of heavy nuclei at JLab and outline plans to use jets of particles for similar studies at the EIC.

**Tuesday, April 11, 2023**

**4:00 pm**

**Lindley Hall room 321**