



# Physics Opportunities at an Electron-Ion Collider XI

## Tuesday, February 25, 2025

**Poster Session - Ground floor (6:00 PM - 8:00 PM)**

| [id] title  | presenter                 | board |
|---|---------------------------|-------|
| [7] Exploring Meson Structures with Lattice QCD: Form Factors at High Momentum Transfer and Generalized Parton Distributions at Zero Skewness             | SHI, Qi                   |       |
| [39] Incoherent DVCS on Deuteron  | SOSA, Alan                |       |
| [48] Proton Anti-Proton Electroproduction off of Proton targets in CLAS12   | MARTINEZ, Leonel          |       |
| [17] Total Gluon Helicity from Lattice without Effective Theory Matching  | YAO, Fei                  |       |
| [20] Dihadron azimuthal asymmetry and light-quark dipole moments at the Electron-Ion Collider   | Dr YU, Zhite              |       |
| [34] Study of Nuclear TMDs in SIDIS Production with CLAS12 at Jefferson Lab   | MATAMOROS, Daniel         |       |
| [37] Impact of future measurements of dihadron production on the transversities and tensor charges of the nucleon   | SAWAYA, yorgo             |       |
| [36] Deuteron Electro-Disintegration at Super High Missing Momenta  | VILLEGAS MINYETY, Gema    |       |
| [43] Projectile Fragmentation Between $^{40}\text{Ar}$ And $^9\text{Be}$ : Isotopic And Energetic Distribution-Comparison Between GEANT4 and EPAX at FRIB | Dr AMAR, Sokhna Bineta Lo |       |
| [8] Revisiting constraints on proton PDFs from HERA DIS, Drell-Yan, W/Z Boson production, and projected EIC measurements                                  | SALAJEGHEH, Maral         |       |
| [6] Elastic dijet production in polarized ep collisions as a probe for orbital angular momentum distributions in the proton                               | MANLEY, Brandon           |       |
| [15] Nucleon Parton Distribution Functions from Boosted Correlations in the Coulomb Gauge   | HE, Jinchun               |       |
| [50] Transverse Energy-Energy Correlators in Unpolarized and Polarized Scattering at the EIC  | PADILLA MONROY, Diego     |       |
| [35] Investigating novel ways of improving nuclear imaging through exclusive vector meson production at the Electron-Ion Collider                         | KESLER, Maci              |       |
| [51] High-Performance Single Photon Avalanche Diode-based Detectors for Future Particle Collider Experiments  | HASAN, Sajid              |       |