

Abstract Submitted  
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**Diffractive DIS in ep and eA** CYRILLE MARQUET, RIKEN BNL Research Center, Brookhaven National Laboratory — The discovery of diffractive deep inelastic scattering (DDIS) at HERA has opened the way for new experimental tests of QCD. In particular, as diffractive events are sensitive to infrared physics even in the weak coupling regime, it was realized that diffractive observables are good places for testing the saturation regime of QCD. We present preliminary results in the context of DDIS off nuclei, including potential CGC signatures.

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