

# Particle - Nuclear/ Theory Seminar

Monday, April 18, 2011 2:10 PM 831 Pupin Hall

“Investigation of the QCD-BFKL Pomeron with the HERA data and the Pomeron/Graviton Correspondence in ADS/CFT.”

In the talk I will show that HERA data can be described by a universal gluon density which can be identified with a pomeron. The new precise data on F2 allow to determine the properties of a Discrete-Pomeron solution to the BFKL equation. The DP structure is strikingly similar to the closed-string, hard wall pomeron in ADS/CFT.



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