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## Quark Distributions and Nuclear Binding

*Wednesday 28 September 2016 20:00 (2 hours)*

We consider a 1+1 dimensional model for nuclei where the ‘nucleons’ are represented by a heavy-light system. This allows for the study of binding energies and quark distributions as a function of the separation between the nucleons. We find a significant shift of quark distributions towards smaller momentum.

**Presenter:** GORMAN, Waverly (New Mexico State University)

**Session Classification:** Poster