1167-14-227   **Noah Arbesfeld*** (`n.arbesfeld@imperial.ac.uk`) and **Yakov Kononov**. *Boxcounting and Quot schemes.* Preliminary report.

I will present a formula obtained in joint work with Yakov Kononov for the K-theoretic Donaldson-Thomas invariants of Quot schemes on threefolds parametrizing zero-dimensional quotients. I'll also explain a connection between this formula and an incarnation of symplectic duality, due to Nekrasov and Okounkov, that relates the Donaldson-Thomas invariants of certain pairs of threefolds. (Received March 08, 2021)