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Mouhamadou Sy* (ms3wq@virginia.edu) and **Xueying Yu** (xueyingy@mit.edu). *Almost sure global well-posedness for the fractional cubic NLS.*

We show various almost sure global well-posedness result for the fractional cubic Schrödinger equation. We derive some long time dynamics properties. Our approach relies on a combination of fluctuation-dissipation method and some feature of the Gibbs measures approach of dispersive PDEs. (Received March 08, 2021)