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**Vincent R Martinez\*** ([vrmartinez@hunter.cuny.edu](mailto:vrmartinez@hunter.cuny.edu)), 695 Park Ave, Department of Mathematics & Statistics, Hunter East 922, New York, NY 10065. *Unique ergodicity for the damped-driven stochastically forced Korteweg-de Vries equation*. Preliminary report.

In 1967, Foias and Prodi captured precisely a notion of finitely many degrees of freedom for the 2D incompressible Navier-Stokes equations. This notion has since led to several developments in the understanding of the long-time behavior of solutions to the NSE, particularly, in the context of turbulence. In this talk, we will discuss this property as it regards the issue of uniqueness of ergodic invariant measures for the stochastically forced, damped-driven Korteweg-de Vries equation. (Received September 02, 2019)