

1119-60-207

**Nathan E Glatt-Holtz, Jonathan C Mattingly and Geordie Richards\***  
([g.richards@rochester.edu](mailto:g.richards@rochester.edu)). *On unique ergodicity for nonlinear SPDEs.*

We will describe a simplified framework through asymptotic coupling for establishing the existence of a unique ergodic invariant measure (unique ergodicity) for nonlinear SPDEs. To illustrate, we will provide a relatively short proof of unique ergodicity for the 2D stochastic Navier-Stokes equations on a domain with "effectively elliptic" random forcing. (Received February 15, 2016)