

1119-60-11

Chia Ying Lee and **Leila Setayeshgar***, lsetayes@providence.edu. *Large deviations for a stochastic Korteweg-de Vries equation with additive noise.*

We prove the large deviations principle for the law of the solutions to a stochastic Korteweg-de Vries (KdV) equation in the presence of an additive noise. Our proof is based upon the weak convergence approach. (Received November 14, 2015)