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Leila Setayeshgar* (lsetayes@providence.edu). *Large Deviations for a Stochastic Burgers' Equation.*

We prove the large deviations principle (LDP) for the law of the solutions to a stochastic Burgers' equation in the presence of an additive noise. Our proof is based on the weak convergence approach. (Received December 26, 2014)