1079-60-335 **Parisa Fatheddin*** (fatheddin@math.utk.edu), 227 Ayres Hall, 1403 Circle Drive, Knoxville, TN 37996-1320, and **Jie Xiong** (jxiong@math.utk.edu), 227 Ayres Hall, 1403 Circle Drive, Knoxville, TN 37996-1320. *Large Deviation Principle for Some Measure-Valued Processes.* Preliminary report.

In much of the literature on Stochastic Partial Differential Equations (SPDE), the equations' terms are assumed to be Lipschitz continuous. In this talk a general SPDE in which the diffusion term is non-Lipschitz is considered. As an application, we derive the Large Deviation Principle for Superbrownian motion and Fleming-Viot processes. (Received January 17, 2012)