1145-60-47 **Parisa Fatheddin*** (`paf49@pitt.edu`), 301 Thackeray Hall, Pittsburgh, PA 15213, and **P. Sundar** and **Jie Xiong**. *Exit Times and The Law of the Iterated Logarithm for a Class of SPDEs.*

We introduce two commonly studied population models referred to as super-Brownian motion and Fleming-Viot Process, which were characterized by unique solutions to SPDEs by Jie Xiong. Using the large and moderate deviation results on these SPDEs, we derive exit times and two types of Law of the iterated logarithm: classical and Strassen's Compact law. The results are based on joint work with P. Sundar and J. Xiong. (Received July 03, 2018)