1145-60-1453   **Adina Oprisan*** (`oprisana@canisius.edu`), Department of Mathematics and Statistics, Canisius College, Buffalo, NY 14208. *Large deviations for additive functionals of semi-Markov processes.*

In this talk, a class of additive functionals of ergodic semi-Markov processes is considered. Limiting theorems such as functional central limit theorem, almost sure convergence for the associated empirical processes and large deviation principle will be discussed. (Received September 22, 2018)

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