1092-37-309   **Xuan Zhang*** (`zhang_x@math.psu.edu`), Penn State Univeristy, Department of Mathematics, 109 McAllister Building, University Park, PA 16802. *Poisson limit law for Gibbs-Markov systems.* Preliminary report.

We will discuss some new Poisson laws arising in dynamical systems. In particular, We will discuss this in connection with extreme value distributions in dynamics and Gibbs-Markov maps. Also we will relate this to a classic result of Doeblin for continued fractions. This is a joint work with Prof. Manfred Denker. (Received August 12, 2013)