1157-60-393 **Jian Ding**, **Ryoki Fukushima**, **Rongfeng Sun** and **Changji Xu***
(changjixu@galton.uchicago.edu). *Random walk among Bernoulli obstacles.*

Place an obstacle with probability $1-p$ independently at each vertex of $\mathbb{Z}^d$ and consider a simple symmetric random walk that is killed upon hitting one of the obstacles. This is called *random walk among Bernoulli obstacles*. We will discuss some recent results about the behaviors of the random walk conditional on the event that it survives for a long time, in quenched, annealed, and biased setting. This talk is based on joint works with Jian Ding, Ryoki Fukushima, and Rongfeng Sun. (Received February 03, 2020)