

1127-60-234

Rafal Kulik*, 585 King Edward Avenue, Ottawa, ON K1N6N5, Canada. *Statistical Inference for Extremes of Long Memory Processes*.

In this talk I will review known results and present open problems related to statistical inference for extremes of regularly varying, long range dependent processes. I will discuss asymptotic behaviour of tail empirical processes and their functionals, with applications to estimation of the index of regular variation. The talk is based on a joint work with Philippe Soulier. (Received February 04, 2017)