

**MICHIGAN STATE UNIVERSITY**  
Department of Statistics and Probability

**COLLOQUIUM**

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**On a Strong Law of Large Numbers**

Thursday, October 30, 2014  
10:20 a.m. - 11:10 am  
Refreshments 10:00 am  
C405 Wells Hall

**Abstract**

In this talk, we present a strong law of large numbers for a sequence of random variables  $X_i \subset L^p$   $(\Omega, \mathcal{F}, P)$ ,  $p \in (0, \infty)$ , and discuss its applications to a wide class of self-similar processes with stationary increments such as stable processes. This result extends the work of Chobanyan, Levental, and Salehi, and is a joint work with Yimin Xiao (MSU) and Erkan Nane (Auburn University).

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