

## **abstract**

COMPUTER/SCIENCE DISCRETE MATH, II  
Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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An Extremal Erdos-Szekeres permutation is a permutation of the numbers  $1, 2, \dots, N^2$  that has no monotone subsequence of length  $N+1$  (and is therefore extremal with respect to the Erdos-Szekeres theorem). If an EES permutation is drawn uniformly at random, the plot of its values clusters inside a limiting shape (see <http://www.msri.org/people/members/dromik/mathpics/perm.jpg> ). I will relate this to the limiting shape of the uniformly random square  $N \times N$  Young tableau, found recently by me and Boris Pittel.