

College of Arts and Sciences
Department of Mathematics
University of South Carolina

Math Colloquium

Topology of Random Simplicial Complexes

Matthew Kahle, The Ohio State University



Thursday
November

3

4:30 PM
LeConte 412

Over the past decade, stochastic topology has received a lot of attention. We will briefly survey this emerging field, focusing on combinatorial aspects, especially on random simplicial complexes. We are particularly interested in phase transitions, where some property changes drastically over a small change in parameter.