

The SUMO Speaker Series for Undergraduates

Thursday, April 25th

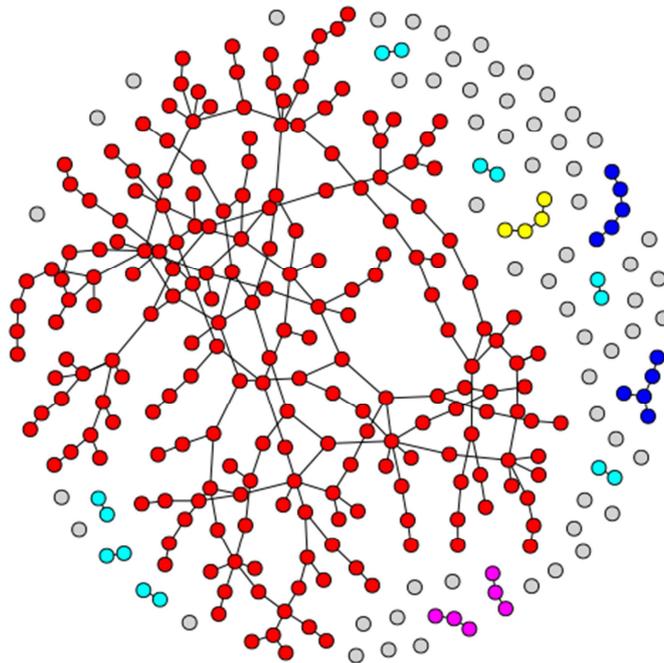
4:15-5:05, room 380C

(Food Provided)

Probabilistic Constructions

The Legacy of Paul Erdős

Professor Amir Dembo



ABSTRACT:

A most powerful way to prove existence of an object with certain properties is by showing that a randomly chosen object has these properties with positive probability. I will provide fun examples of this principle, initiated by Paul Erdős in 1947, to graph coloring, tournaments and intersecting sets.

sumo.stanford.edu/speakers