

Roman Glebov

Title: On bounded degree spanning trees in the random graph

Abstract:

The appearance of certain spanning subgraphs in the random graph is a well-studied phenomenon in probabilistic graph theory. In this talk, we present results on the threshold for the appearance of bounded-degree spanning trees in $G(n,p)$ as well as for the corresponding universality statements. In particular, we show hitting time thresholds for some classes of bounded degree spanning trees.

Joint work with Daniel Johannsen and Michael Krivelevich.