

## Sharp threshold for rigidity of random graphs

**Speaker:** Orit Raz

**Abstract:** For  $d \geq 1$ , it is an easy fact that a graph  $G$  must have minimum degree at least  $d$  in order to be rigid in  $R^d$ . In the talk I will present a recent work, joint with A. Lew, E. Nevo and Y. Peled, where we show that the threshold probability for  $G(n, p)$  to be  $d$ -rigid coincides with the known threshold for having minimum degree  $d$ .