



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

IMBM PROBABILITY SEMINAR

RANDOM NETWORKS AND EPIDEMICS

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Abstract

Random networks may be used to describe the social structure in a community. On such a network one can model the spread of an infection. Questions of interest to study are for example: Can a big outbreak occur?, How large will it be?, What is the effect of introducing a given vaccination scheme? In the talk we will survey this area, with focus on effects of the underlying random network on the questions formulated above.

Date : Friday, April 10, 2015

Time: 11:00-12:00

Place : IMBM Seminar Room, Boğaziçi University South Campus



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