WINTER SCHOOL

PROBABILISTIC METHODS IN HIGH DIMENSION PHENOMENA

Toulouse, January 10-14, 2005

The school will provide young as well as expert scientists with the recent probabilistic tools developed for the investigation of high-dimensional systems. It will be composed of the following five courses:

I. Benjamini (Rehovot)
"Random walks and Percolation on graphs"

C. Borell (Göteborg)
"Minkowski sums in Gaussian analysis"

K. Johansson (Stockholm)
"Determinantal Processes in Random Matrix Theory"

G. Lugosi (Barcelona)
"Concentration of Functions of Independent Random Variables"

R. Schneider (Freiburg)
"Convexity in Stochastic Geometry"