Dr. Alexey BUFETOV (MIT, USA) will present a seminar entitled:

“Global asymptotics of stochastic particle systems”

Abstract:

I will speak about a new way to analyze the global limit behavior of stochastic particle systems. It can be viewed as a certain version of a non-commutative Fourier analysis. Three main sources of applications will be discussed: models of random tilings of planar domains, random matrices, and probabilistic models coming from representation theory.