Gaussian Approximation of the Distribution of Strongly Repelling Particles on the Unit Circle

by

Dr. Yuanyuan XU
KTH Royal Institute of Technology

Abstract

In this talk, we will consider an interacting particle system on the unit circle with stronger repelling than that of Circular beta ensemble. I will prove the Gaussian approximation of the distribution of the particles in this model. This is joint work with Alexander Soshnikov.

Date: Tuesday, 20 August 2019
Time: 4:00p.m. - 5:00p.m.
Venue: Room 4472, Academic Building, (near Lifts 25-26), HKUST

All are welcome!