



Mathematics and CS Seminar

Free Probability, Random Matrices, and Non-Commutative Rational Functions

Roland Speicher (Universität des Saarlandes)

Host: Laszlo Erdős

In free probability we want to understand the distribution of functions in non-commuting variables. I will explain what this means and what we actually calculate. In particular, the variables will typically be random matrices or operators on Hilbert spaces and a prominent class of functions will be given by non-commutative rational functions.

For this talk, no prior knowledge on operator algebras or random matrices or free probability is assumed.

Tuesday, May 21, 2019 04:30pm - 05:30pm

IST Austria Campus Big Seminar room Ground floor / Office Bldg West (I21.EG.101)



This invitation is valid as a ticket for the IST Shuttle from and to Heiligenstadt Station. Please find a schedule of the IST Shuttle on our webpage: http://ist.ac.at/fileadmin/user_upload/pdfs/IST_shuttle_bus.pdf The IST Shuttle bus is marked IST Shuttle (#142) and has the Institute Logo printed on the side.