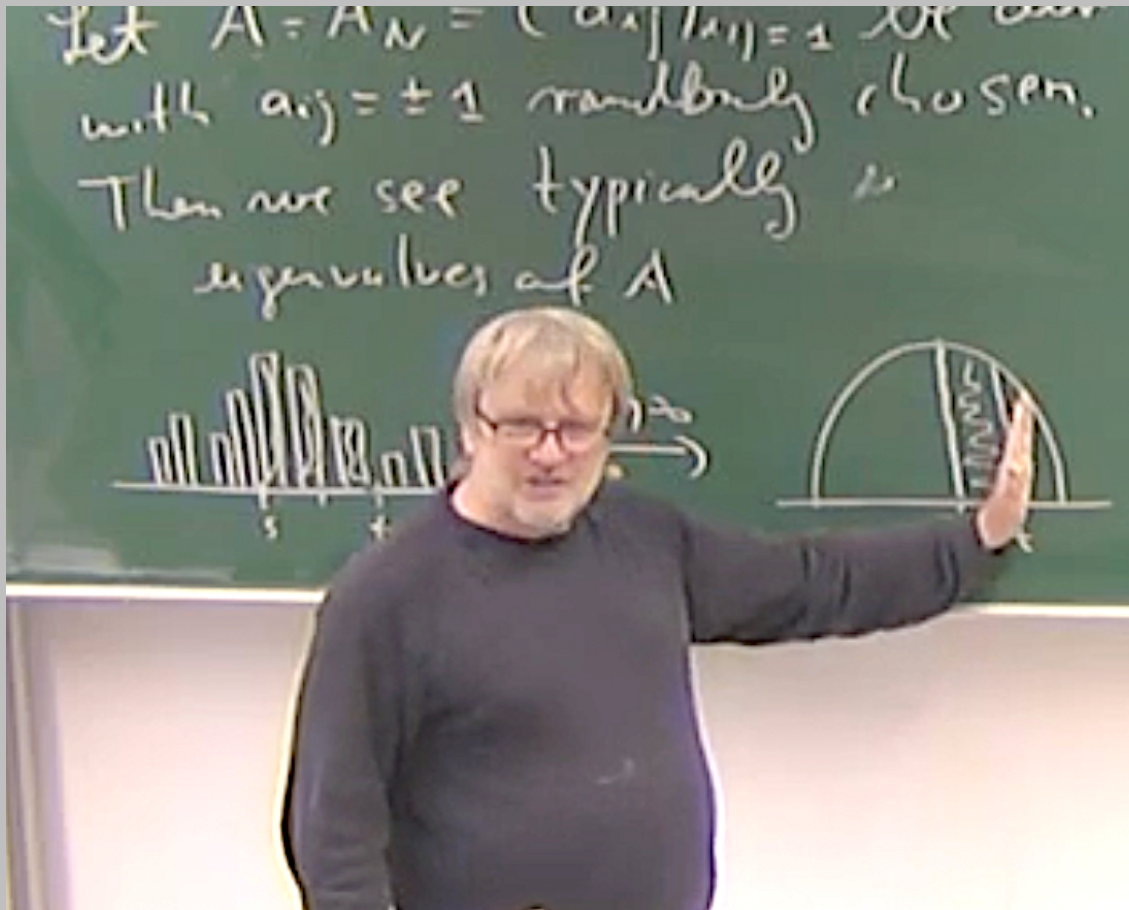


Lecture Series by Roland Speicher
Saarland University

Random Matrices



- Gaussian and Wigner Random Matrices
- Wigner's Semicircle Law
- Moment and Resolvent Method
- Concentration Phenomena
- Determinantal Processes
- Tracy-Widom Distribution
- Circular Law
- a bit of Free Probability