BALINT VIRAG, University of Toronto
Random Toeplitz matrices

Random Toeplitz matrices are in the exciting area in between the usual Wigner random matrices and random Schroedinger operators. I will present several open questions and answer two. First, that the limiting eigenvalue distribution is absolutely continuous. Second, that the top eigenvalue, suitably normalized, converges to the 2-4 operator norm of the renowned Sine kernel.

Joint work with Arnab Sen (Cambridge).