Mathematics and CS Seminar

Moments of random matrices and hypergeometric orthogonal polynomials

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Host: M. Beiglböck, N. Berestycki, L. Erdös, J. Maas, F. Toninelli

The study of ‘moments’ of random matrices (expectations of traces of powers of the matrix) is a rich and interesting subject, mainly due to its connections to enumerative geometry. I will give some background on this and then describe some recent work which offers some new perspectives (and new results). This talk is based on joint works with Antoine Dahlqvist, Francesco Mezzadri, Neil O’Connell and Nick Simm.

Tuesday, November 30, 2021 04:45pm - 05:45pm
IST Austria Campus Online via Zoom