

## GEOMETRY AND PHYSICS SEMINAR

**Dia 26 Junho 2019 (quarta-feira), às 11h00, sala 6.2.33**

### Some new perspectives on moments of random matrices

**Fabio Deelan Cunden**  
(University College Dublin)

**Abstract:** 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.

*Financiado pela FCT no âmbito do projeto "Random matrices and gauge theory" (IF/01767/2014).*