

---

**EMMA BAILEY**, University of Bristol

*Moments of Moments of  $L$ -functions*

This talk will present results on the 'moments of moments' for the random matrix groups associated with the symmetry classes for families of  $L$ -functions (motivated by the work of Keating and Snaith, and Katz and Sarnak). We also formulate the moments of moments of  $\zeta(1/2+it)$  which, under a conjecture of Conrey et al., have a multiple contour integral representation. For such a representation, we are able to prove that the moments of moments coincide with the random matrix result. This talk includes work joint with Theo Assiotis and Jon Keating.