

Program IV BRUNEL Workshop on Random Matrix Theory

Halsbury Building (Graduate School) Room PH 055

Friday 19. December:

09:40 – 10:00		registration
10:00 – 10:55	Alexander Soshnikov	<i>Local Linear Statistics in Large Random Matrices</i>
10:55 – 11:25		coffee break
11:25 – 12:20	Hans-Jürgen Sommers	<i>Correlations in the real Ginibre ensemble</i>
12:20 – 12:55	Yi Wei	<i>On the mean density of complex eigenvalues for an ensemble of random matrices with prescribed singular values</i>
12:55 – 15:00		lunch break
15:00 – 15:55	Jean-Bernard Zuber	<i>“Angular” Matrix Integrals</i>
15:55 – 16:30	Pierpaolo Vivo	<i>Superstatistical generalisations of Wishart-Laguerre ensembles</i>
16:30 – 17:00		coffee break
17:00 – 17:35	Julia Vasylevska	<i>Fredholm determinant with the confluent hypergeometric kernel</i>
17:35 – 18:10	Man Yu Mo	<i>Universality in complex Wishart ensembles</i>
18:10 – 19:30	Poster session	
20:00	dinner	Auberge, 223 High St, Uxbridge, tel. 01895 270111

Saturday 20. December:

09:30 – 10:25	Satya Majumdar	<i>Exact Minimum Eigenvalue Distribution of an Entangled Random Pure State</i>
10:25 – 11:00	Heiner Kohler	<i>Random Matrix Description of Doorway States</i>
11:00 – 11:30		coffee break
11:30 – 12:25	Patrik Ferrari	<i>Anisotropic growth of random surfaces in 2+1 dimensions</i>
12:25 – 13:00	Ian Williams	<i>Single-eigenvalue statistics for parametric random matrices</i>
13:00 – 14:30		lunch break
14:30 – 15:05	Eugene Kanzieper	<i>Integrable theory of quantum transport in chaotic cavities</i>
15:05 – 15:40	Victor Gopar	<i>Chaotic scattering with direct processes: A generalisation of Poisson’s kernel for non-unitary matrices</i>
15:40 – 16:10		coffee break
16:10 – 16:45	Reimer Kühn	<i>Spectra of Sparse Random Matrices and Localisation on Random Graphs</i>
16:45 – 17:20	Luca Molinari	<i>Non Hermitian spectra and Anderson localisation</i>

Poster Presentations:

Alexander Klitz	<i>Effective field theory formulation of Hermitean matrix models</i>
Rodrigo Megaidés	<i>Wave function statistics in quantum graphs</i>
Vladimir Al. Osipov	<i>Quantum transport in chaotic cavities through the prism of integrable theories</i>
Michael J Phillips	<i>Gap Probabilities in Non-Hermitean Random Matrix Theory</i>
Charles Poli	<i>Complexness of eigenfunctions in a random matrix description of open chaotic systems</i>