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X Brunel Bielefeld Workshop on Random Matrix Theory

Brunel University London Hamilton Centre

Organisers: G. Akemann (Bielefeld), I. Krasovsky (Imperial), D. Savin and I. Smolyarenko (Brunel), O. Zaboronski (Warwick)

Friday, 12 December 2014:

08:45 – 09:30		REGISTRATION	Newton's room
09:30 – 10:10	Yan Fyodorov	Topology (de)trivialization transition in high-dimensional random elds and landscapes	
10:10 – 10:50	Neil O'Connell	.55 Td[(2)-278 Stochastic Backlund landscapes nsftr7.47 94.32 l S Q BT /F4 10.90n46 Tf 372	

Poster Presentations: Newton's room

Perret Anthony	Near-extreme eigenvalues and the rst gap of Hermitian random matrices
Christophe Charlier	Asymptotics for Toeplitz determinants: perturbation of symbols with a gap
Fabio Cunden	Universal covariance formula for linear statistics on random matrices
Benjamin Fahs	Universality for eigenvalue correlations in a double scaling limit at the origin of the spectrum
Fabio Franchini	Spontaneous breaking of $U(N)$ symmetry in invariant matrix models
Barnaby Garrod	Annihilating Brownian motions and the edge of the real Ginibre ensemble
Jesper Ipsen	Asymptotic properties for products of a large number of Ginibre matrices
Indrajit Jana	Fluctuations of linear eigenvalue statistics of random band matrices
Chris Joyner	A discrete random walk approach to spectral statistics in Bernoulli matrix ensembles
Anna Maltsev	Linear spectral statistics for half-heavy-tailed Wigner matrices
Ricardo Marino	Phase transitions and edge scaling of number variance in Gaussian random matrices
Thorsten Neuschel	Jacobi polynomial moments and products of random matrices
Benjamin Niedner	Wronskians and duality of Cardy branes
André Nock	On GOE characteristic polynomials with half-integer powers
Yuchen Pei	The Catalan numbers and the quantum stochastic Lévy area
Alexi Reynolds	Moments of -ensembles
Roman Riser	Fine asymptotics in a random normal matrix ensemble
Dries Stivigny	Products with truncated unitary matrices
Artur Świech	Local level statistics – free probability meets supersymmetry
Christophe Texier	Joint distribution of two linear statistics in the Laguerre ensemble
Daniel Waltner	Eigenvalue distribution in the doubly correlated Wishart ensemble
Christian Webb	The characteristic polynomial of CUE and Gaussian multiplicative chaos
Lu Wei	Sphere packing bounds and restricted partition functions
Tim Wirtz	From a non-invariant correlated Wishart model to an invariant Hermitian matrix model