

XI Brunel–Bielefeld Workshop on Random Matrix Theory

Center for Interdisciplinary Research – ZiF, Bielefeld University

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Thursday 10. December 2015:

16:00 –18:00 REGISTRATION ZiF Hall 1st floor
17:00 POSTER SESSION followed by RECEPTION & BUFFET (from 18:30 onwards)

Friday 11. December 2015:

09:30 –10:15 Satya Majumdar Finite temperature free fermions, random matrix theory and the Kardar-Parisi-Zhang equation at finite time
10:15 –11:00 Pavel Bleher Six-vertex model with partial domain wall boundary conditions: Exact solution
11:00 –11:30 COFFEE BREAK
11:30 –12:15 Antti Knowles Local eigenvalue statistics for random regular graphs
12:15 –13:00 Christopher Joyner Spectral statistics of Bernoulli matrix ensembles - a random walk approach
13:00 –13:15 Lunch

Roman Riser	<i>Power spectrum analysis in quantum chaology and its relation to Toeplitz determinants</i>
Deividas Sabonis	<i>Random Matrix Theory for Majorana Fermions</i>
Guilherme Silva	<i>The mother body phase transition in the normal matrix model</i>
Gries Stivigny Manuela Girotti	<i>Smallest singular value distribution and large gap asymptotics or products of random matrices</i>
Artur Swiech	<i>Random matrix model for crystal-glass transition</i>
Kevin Truong	<i>Statistics of eigenvectors in the deformed Gaussian unitary ensemble of random matrices</i>
Daniel Waltner	<i>The Correlated Jacobi and the Correlated Cauchy-Lorentz ensembles</i>
Lu Wei	<i>Asymptotic Correlations of Spiked Products of Ginibre Matrices</i>