XVIII Brunel – Bielefeld Workshop
Random Matrix Theory and Applications
16 – 17 December 2022

Eastern Gateway Building, Brunel University London

The aim of this workshop is to bring together physicists and mathematicians who work in the field of Random Matrix Theory and its applications. The program will contain talks by the invited speakers on Friday and Saturday as well as a poster session. Applications to present a poster are welcome and should be directed to any of the organisers. Support is available to a limited number of both UK and overseas participants presenting a poster as well as to PhD students from the UK. The programme of the workshop will include the following topics:

Universalities in Structured and Non-Hermitian Ensembles

Interacting Particle Systems and Nonlinear PDEs

Quantum Many-Body Chaos and Statistical Physics

Applications to Random Graphs and Complex Networks

Deadline for requesting participation is **4 November 2022**.

A registration fee of £40 (£20 for students) applies to all workshop participants.

Invited Speakers:

Yacin AMEUR (Lund), Dan BETEA (Leuven), Mike BLAKE (Bristol),

Guillaume DUBACH (Paris), Yan FYODOROV (London), Manuela GIROTTI (Halifax),

Eva-Maria GRAEFE (London), Ulrich KUHL (Nice), Reimer KÜHN (London),

Leslie MOLAG (Bielefeld), Laura MONK (Bristol), Alessandra OCCELLI (Angers),

Tomaž PROSEN (Ljubljana), Jac VERBAARSCHOT (Stony Brook), Brian WINN (Loughborough)

Organisers:

Gernot Akemann,   Igor Krasovsky,   Dmitry Savin,   Igor Smolyarenko

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https://www.brunel.ac.uk/mathematics/research-and-phd-programmes/Random-Matrix-Theory-Workshops