

# XII Brunel – Bielefeld Workshop

## Random Matrix Theory and Applications

9 – 10 December 2016

Brunel University London

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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. This event is partly supported by the London Mathematical Society (LMS). Applications to participate, especially from junior researchers, are welcome and should be directed to any of the organisers. Support is available to a limited number of participants presenting a poster. The programme of the workshop will include the following topics:

- THEORY & METHODS:
- **Universality and Matrix Integrals**
  - **Stochastic Processes and Hierarchies**
- APPLICATIONS:
- **Quantum and Statistical Physics**
  - **Big Data and Information Theory**

Deadline for requesting participation is **1 November 2016**.

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

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### Invited Speakers:

Romain COUILLET (Paris), Fabio CUNDEN (Bristol), Benjamin FAHS (Leuven),  
Tamara GRAVA (Trieste), Alice GUIONNET (Lyon), Alexander ITS (Indianapolis)\*,  
Boris KHORUZHENKO (London), Holger KOESTERS (Bielefeld),  
Gaultier LAMBERT (Stockholm), Anna MALTSEV (Bristol), Aris MOUSTAKAS (Athens),  
Alexander OSSIPOV (Nottingham), Nina SNAITH (Bristol), Martin VENKER (Bielefeld),  
Oleg ZABORONSKI (Warwick)

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\* to be confirmed

### Organisers:

Gernot Akemann, Igor Krasovsky, Dmitry Savin, and Igor Smolyarenko

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<http://www.brunel.ac.uk/cedps/mathematics/seminars-and-events/ranwshop16>