

# IX Brunel – Bielefeld Workshop

## Random Matrix Theory and Applications

**Tuesday 17 – Thursday 19 December 2013**

ZiF - Center for Interdisciplinary Research, Bielefeld University

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The aim of this workshop is to bring together physicists and mathematicians who work in the area of Random Matrix Theory in a broad sense. The program will consist of talks by the invited speakers on Wednesday and Thursday, and poster sessions starting Tuesday. Applications to participate, especially from junior researchers, are welcome and should be directed to the conference office. For informal enquiries please contact 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**
  - **Perturbations of classical RMT**
- APPLICATIONS:
- **Open quantum systems**
  - **Information theory and telecommunication**

Deadline for requesting participation is **1 November 2013**.

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### Invited Speakers:

FLORENT BENAYCH-GEORGES (Paris-Descartes), MIREILLE CAPITAINE (Toulouse),  
 MAURICE DUITZ (Stockholm), PATRIK FERRARI (Bonn), JON KEATING (Bristol),  
 VLADIMIR KRAVTSOV (Trieste), ARNO KUIJLAARS (Leuven), SANTOSH KUMAR (Dadri),  
 RALF MÜLLER (Erlangen), NEIL O'CONNELL (Warwick), LEONID PASTUR (Kharkov),  
 ALEXANDER SOSHNIKOV (UC Davis), CHRISTOPHE TEXIER (Paris IX),  
 PEDRO VIDAL (Bielefeld), OLEG ZABORONSKI (Warwick)

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### Organisers:

Gernot Akemann, Friedrich Götze, Igor Krasovsky, Dmitry Savin, and Igor Smolyarenko  
 akemann@physik.uni-bielefeld.de, goetze@math.uni-bielefeld.de, i.krasovsky@imperial.ac.uk,  
 dmitry.savin@brunel.ac.uk, igor.smolyarenko@brunel.ac.uk

ZiF - Zentrum für interdisziplinäre Forschung, Universität Bielefeld,  
 Wellenberg 1, D-33615 Bielefeld, Germany

Conference Office: Claudia Köhler, ckoehler@math.uni-bielefeld.de

<http://www2.physik.uni-bielefeld.de/index.php?id=3555>