

# XIII Brunel – Bielefeld Workshop

## Random Matrix Theory and Applications

Thursday 14 – Saturday 16 December 2017

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 Friday and Saturday, and poster sessions starting Thursday afternoon. 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 themes:

- **Universality and Determinantal Point Processes**
- **KPZ equation and Systems of Free Fermions**
- **Random Graphs and Complex Networks**
- **Applications to Statistical Physics and Econophysics**

Deadline for requesting participation is **5 November 2017**.

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### Invited Speakers:

Alexander BUFETOV (Marseille), Carl DETTMANN\* (Bristol), Patrik FERRARI (Bonn)  
Klaus FRAHM (Toulouse), Vadim GORIN (Boston), Thomas GUHR (Duisburg-Essen)  
Pierre LE DOUSSAL (Paris), Arno KUIJLAARS (Leuven), Mylène MAÏDA (Lille)  
Francesco MEZZADRI (Bristol), Izaak NERI (Dresden), Grègory SCHEHR (Orsay)  
Mira SHAMIS (London), Uzy SMILANSKY (Weizmann), Hans WEIDENMÜLLER (Heidelberg)

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\* to be confirmed

### Organisers:

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

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<http://www2.physik.uni-bielefeld.de/brunel-bielefeld-workshop2017.html>