

# XVI Brunel – Bielefeld Workshop

## Random Matrix Theory and Applications

18 – 19 December 2020

### Online event

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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. Applications to present a poster are welcome and should be directed to any of the organisers. The programme of the workshop will include the following topics:

- THEORY & METHODS:
- **Universality and Multi-Matrix Models**
  - **Integrability and Higher Dimensions**
- APPLICATIONS:
- **Quantum and Statistical Physics**
  - **Networks and Data Science**

Registration closes on **12 December 2020**.

Deadline for applications to present a poster: **22 November 2020**.

The joining instructions will be provided to the registered participants only.

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### Invited Speakers:

Thomas BOTHNER (Bristol), Benjamin FAHS (London), Tamara GRAVA (Bristol),  
Jon KEATING (Oxford), Arno KUIJLAARS (Leuven), Alexander MINAKOV (Louvain),  
Sandrine PÉCHÉ (Paris), Gregory SCHEHR (Orsay), Mariya SHCHERBINA (Kharkiv),  
Nick SIMM (Sussex), Christophe TEXIER (Orsay), Miguel TIERZ (Lisbon)

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### Organisers:

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

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