

# **XVII Brunel - Bielefeld Workshop**

## **- Random Matrix Theory and Applications -**

**16 - 18 December 2021**

**ZiF - Centre for Interdisciplinary Research, Bielefeld University**

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The aim of this workshop is to bring together physicists and mathematicians working in the area of Random Matrix Theory in a broad sense. The programme will consist of talks by invited speakers on Friday and Saturday, and poster sessions starting Thursday afternoon. Requests 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:

- **Beta-ensembles, Heavy Tails and Large Deviations**
- **Integrable Systems and Random Matrices**
- **Non-Hermitian Random Matrices and Their Applications**
- **Applications to Networks and Deep Learning**

Deadline for requesting participation is **31 October 2021**.

We currently plan the workshop in a hybrid format at ZiF, with some of the talks and posters being presented online. Please fill out the registration form available on the workshop webpage below and send it to the conference office by email, including a request for remote participation.

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## **Invited Speakers**

Johannes ALT (New York), Fanny AUGERI (Paris), Emma BAILEY (Bristol), Sungsoo BYUN (Seoul),  
Christophe CHARLIER (Stockholm), Joshua FEINBERG (Haifa), Gabriele GRADONI (Cambridge),  
Tsampikos KOTTOS (Middletown, CT), Gaultier LAMBERT (Zürich), Pierre LE DOUSSAL (Paris),  
Anna MALTSEV (London), Francesco MEZZADRI (Bristol),  
Sanjaye RAMGOOLAM (London), Naftali SMITH (Paris), Stefan ZOHREN (Oxford)

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## **Organisers**

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<http://www2.physik.uni-bielefeld.de/brunel-bielefeld-workshop2021.html>