

Postdoctoral Fellowship



A postdoctoral fellowship in pure mathematics is open for application at the Alfréd Rényi Institute of Mathematics in Budapest, Hungary.

The position is funded by the ERC Consolidator Grant

Noise-Sensitivity Everywhere, led by Gábor Pete.

See www.math.bme.hu/~gabor/noise.html for more information.

Topics addressed by the Noise Project include the following, hence an ideal candidate should have affinity towards some of them:

- Two-dimensional critical and near-critical random processes;
- Probability on finite and infinite groups, geometric group theory;
- Discrete Fourier analysis and complexity of Boolean functions;
- Mixing times and noise-sensitivity in statistical physics models;
- Graph limits and random graphs.

The position starts in September 2020 or before, for one to three years.

This is a no teaching position; in particular, candidates are not required to speak Hungarian. The salary is up to negotiation but is competitive with European postdoctoral salaries, and comes with funding for travel. Shortlisted candidates are invited to visit the group in Budapest.

There is a lively research environment in Budapest related to the project. This includes a joint Stochastics Seminar at the Budapest University of Technology and Economics, and a seminar on Groups, Graphs and Probability, run jointly with the research groups of Miklós Abért and Balázs Szegedy at the Rényi Institute.

Applications received by January 15, 2020 will be given priority, but all applications will be considered as long as this job posting is available online.

Please send applications by e-mail to noise@renyi.hu. The application should contain:

- a CV, with a list of publications
- a short (2-3 pages) summary of past research
- a short (2-3 pages) research statement

Two or three letters of recommendation should be sent directly to noise@renyi.hu. In your application, please name your reference letter writers.

The preferred format for all documents is PDF.