

Competition for a research scholarship for PhD student as part of the NCN project OPUS

Project title: From broken integrability to thermalisation in quantum many-body systems

Project manager: dr hab. Miłosz Panfil

Number of seats: 1

Duration of the scholarship: 12 months

Date of commencement of work: 1st of October 2024

Stipend: 4000 zł/month (the net amount depends on deductions specified in Public Law, calculated individually)

The scholarship is awarded in accordance with the rules contained in the Regulations of NCN scholarships in research projects financed by the National Science Center introduced by the resolution of the Council of the National Science Center No. 25/2019 of 14 March 2019.

Task description:

The research work will be carried out at the Institute of Theoretical Physics at the Faculty of Physics of the University of Warsaw, as part of the NCN project OPUS titled “**From broken integrability to thermalisation in quantum many-body systems**”. The successful candidate will work on developing numerical and analytical methods to study non-equilibrium dynamics of perturbed quantum integrable models.

Requirements:

1. Bachelor degree in physics or related area,
2. Knowledge of basic methods of quantum integrability (Coordinate Bethe Ansatz, Thermodynamic Bethe Ansatz)
3. Familiarity with classical kinetic theory.
4. Practical knowledge of numerical methods and Python programming language
5. Proficiency in both written and oral English,
6. A status of a PhD student in the Doctoral School.

The application should include the following documents in the pdf format:

1. cover letter;
2. CV containing information about the scientific activity and achievements to date;
3. information on passed exams with grades;
4. copies of diplomas obtained;
5. information on the processing of personal data - information clause and consent clause - form attached to the advertisement. In the case of an application by e-mail in PDF format, it should contain a scanned signature.

Deadline for submission of documents: 16th of August 2024

Form of submitting offers: e-mail to the following address: milosz.panfil@fuw.edu.pl

Selected candidates will be notified individually about the date of a possible interview.

In the event of resignation of the selected candidate, the right to indicate the next candidate from the ranking list is reserved.

Information relating to personal data processing

1. Personal Data Controller

Pursuant to Article 13 of the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (hereinafter referred to as "GDPR"), the Controller of your personal data is the University of Warsaw, 26/28 Krakowskie Przedmieście, 00-927 Warsaw.

You may contact the Controller in one of the manners provided at:

<https://www.uw.edu.pl/kontakt/>.

2. Data Protection Officer (DPO)

The Controller has appointed a Data Protection Officer (DPO who may be contacted about matters concerning your personal data via e-mail at: iod@adm.uw.edu.pl. You may contact the DPO in all the matters regarding the processing of your personal data by the University of Warsaw and executing your rights related to personal data processing.

However, the DPO's duties shall not include other matters, such as current matters related to the concluded contract, receipt of documents related to the performance of the contract, etc.

3. Objectives, legal basis and processing period

Your personal data will be processed for the purposes of:

- conclusion and performance of the scholarship contract – for the term of the agreement (legal basis: Article 6(1)(b) of the GDPR);
- establishment, enforcement or defense of potential contractual claims – for a period of three years from the expiry of the contract (legal basis: Article 6(1)(f) of the GDPR);
- the performance of accounting and tax obligations – for the period of five years from the end of the calendar year (legal basis: Article 6(1)(c) of the GDPR).

For the purpose of performance of the concluded contract, your personal data shall be processed within the scope necessary to perform the concluded contract. All other personal data shall be processed if necessary for the purposes of exercising rights and duties resulting from a legal provision, and/or other applicable regulations.

All your other personal data shall be processed in specific cases after you have given your separate consent to its processing (Article 6(1)(a) of the GDPR), which you have the right to withdraw at any time. Please also be reminded that your withdrawal of consent shall not affect the lawfulness of processing based on your consent before its withdrawal (Article 7(3) of the GDPR).

4. Data recipients

Your personal data may also be shared with parties authorized pursuant to the provisions of law, .e.g. the National Science Center. Access to your personal data shall also be granted to authorized employees of the Controller who must process your personal data as part of their professional tasks and duties.

Other entities that the Controller commissioned to perform certain activities, e.g. providers of services of personal and property protection, postal and courier services, transport services etc., entailing the necessity to process personal data may be data recipients.

Your professional data may also be provided to parties to the contracts concluded by the Controller, if it is necessary for the performance of these contracts and results from the contracts concluded.

5. Data transfers outside of the European Economic Area (EEA)

Your personal data may also be processed by Google, our G-Suite for education service provider at their data processing centers.¹

6. Rights of data subjects

According to the principles specified by the GDPR, you have the right to:

- access your data and receive its copy,
- rectify (correct) your personal data;
- restrict personal data processing;
- erase personal data (subject to Article 17(3) of the GDPR);
- object.

You also have the right to lodge a complaint with the President of the Personal Data Protection Office if you believe that the personal data processing violates the law.

7. Information on the data provision requirement

Provision of your personal data within the scope resulting from the legal and other regulations in order to allow the performance of tasks under the contract concluded is necessary to conclude a contract with you. Providing other personal data is voluntary.

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(Place and date)

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(Candidate's signature)

¹ <https://www.google.com/about/datacenters/locations/index.html>