<u>COMPETITIVE SELECTION PROCESS NOTIFICATION</u>

THE DEAN OF THE
FACULTY OF PHYSICS. ASTRONOMY
AND APPLIED COMPUTER SCIENCE

Krakow, November 5th, 2021

Registered office: ul Prof. Łojasiewicza 11

30-348 Kraków, Phone: 12 664 4890

RECTOR
of the Jagiellonian University
announces a competitive selection process for the post of a
RESEARCH ASSISTANT
in the research staff group
at the Institute of Theoretical Physics
of the Faculty of Physics, Astronomy and Applied Computer Science
academic field physics
in the project of National Science Center, Poland, SONATA BIS 10
„Quantum tensor networks: from spin glasses to quantum transport"
(principal investigator: Marek Rams, PhD)

The competitive selection process is open for all individuals, who meet the requirements set out in Articles 113 and 116.2.4) of the Act of 20 July 2018 – Law on Higher Education and Science, and who meet the following eligibility criteria according to § 166 of the Statute of the Jagiellonian University:
1) Holding at least a Master's degree, Master of Science degree or an equivalent degree;
2) Exhibiting aptitude for research work;

Additional requirements:
1) High level of academic competence in theoretical investigation of quantum many-body systems, quantum transport calculations or tensor networks confirmed by solid publication record.
2) Good knowledge of English and the willingness to work in a team.
3) Creativity, independence and self-discipline.

Project description: The project focuses on develop of novel numerical renormalization techniques for nonequilibrium states in many-body quantum transport, following recognition that this broad class of problems possesses an information-theoretic structures that allow for efficient simulations.

Key responsibilities:
1) Active scientific research
2) Presentation of results at scientific conferences, publication of results in peer-reviewed journals. Participation in seminars, group meetings, and other activities of scientific exchange. Close collaboration with other group members.
3) Participation in mentoring of PhD students.

We offer:
1) full-time employment for up to 36 months. Gross salary 10000PLN per month (brutto-brutto, maximal NCN postdoc salary), equivalent to about 6000PLN netto plus social and health insurance.
2) Employment from April 1st, 2022 (starting date can be postponed up to few months)
3) Broad international collaborations;
   for latest activities of PI, see e.g. https://scholar.google.com/citations?user=dt63ygsAAAAJ&hl=en&oi=ao

The candidates, who would like to take part in the competitive selection process, should submit the following documents to the project principal investigator dr hab. Marek Rams (e-mail: marek.rams@uj.edu.pl):

1) cover letter
2) scientific CV including list of publications
3) two letters of recommendation (should be send directly to M. Rams by email by the application deadline)
4) information regarding processing of personal data (see below)

Additional documents needed during the employment process:

1) personal questionnaire filled in by the candidate;
2) copy of a doctoral diploma;
3) latest performance evaluation form, if the candidate was subject to such evaluation;
4) declaration of the candidate, confirming that the Jagiellonian University will be their primary place of work;
5) declaration under Article 113 of the Law on Higher Education and Science;
6) declaration on acknowledging and accepting the rules and regulations concerning intellectual property management and commercialisation in force at the Jagiellonian University;

<u>Opening date:</u> November 5th, 2021

Application submission deadline: December 31st, 2021

The competitive selection process will be concluded by January 15th 2022. Candidates may be asked for additional information or to hold an interview with selection board members. In the absence of satisfactory offers, the competition may be extended. For additional information related with the project, please contact Marek Rams marek.rams@uj.edu.pl

The Jagiellonian University does not provide housing.

Declaration forms can be obtained at:
http://www.cso.uj.edu.pl/-nauczyciele

On behalf of
the Rector of the Jagiellonian University

Dean of the Faculty of of Physics, Astronomy and Applied Computer Science

Prof. dr hab. Ewa Gudowska Nowak

Personal data processing information for job applicants

According 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 GDPR), the Jagiellonian University informs that:

1. The Administrator of your personal data is the Jagiellonian University with its registered office in Gołębia 24, 31-007 Kraków, respresented by the Rector of UJ.
2. The Jagiellonian University appointed the Data Protection Officer www.iod.uj.edu.pl, Gołębia 24, 30-007 Kraków. The Officer can be contacted by email: iod@uj.edu.pl or at the telephone number 12 663 12 25.
3. Your personal data will be processed in order to:
   a. conduct recruitment process for the position specified in the advertisement for a position of a research assistant in the research staff group at the Institute of Theoretical Physics of the Faculty of Physics, Astronomy and Applied Computer Science academic field physics in the project of National Science Center, Poland, Sonata Bis 10 „*Quantum tensor networks: from spin glasses to quantum transport*" – as part of the legal obligation of the Administrator pursuant to Art. 6 (1) lit c of the GDPR in connection with the Polish Labour Code;

   b. conduct recruitment process for the position specified in the advertisement for a position of a research assistant in the research staff group at the Institute of Theoretical Physics of the Faculty of Physics, Astronomy and Applied Computer Science academic field physics in the project of National Science Center, Poland, Sonata Bis 10 „*Quantum tensor networks: from spin glasses to quantum transport*" based on your consent pursuant to Art. 6 (1) lit a of the GDPR – your consent is granted by the clear action of submitting your CV with the Administrator. The consent to the processing of personal data concerns data that you voluntarily provide as part of your CV, which do not result from Polish Labour Code.
4. The obligation to provide your personal data results from the law (it applies to personal data processed under Article 6 (1) lit c of the GDPR). Failure to provide you personal data will result in your inability to take part in the recruitment process. Submission of personal data processed on the basis of consent (Article 6 (1) lit a of the GDPR) is voluntary.
5. Your data will be processed during the recruitment period. In the event of not concluding the contract with you, your data will be deleted after the recruitment process.
6. You have the right of access to the content of your personal data, as well as the right to correct, delete, restrict processing, transfer, object to processing – on the terms and conditions set out in the GDPR.
7. If the processing is based on consent, you have the right to withdraw the consent at any time, which shall not affect the lawfulness of processing based on the consent given before the withdrawal. Withdrawal of consent to the processing of personal data can be sent by e-mail to: marek.rams@uj.edu.pl. or by post to the following address: Institute of Theoretical Physics, Department of Physics, Astronomy and Applied Computer Science UJ, ul. Łojasiewicza 11, 30-348 Kraków, Poland, or you can withdraw your consent in person at Institute of Theoretical Physics, Department of Physics, Astronomy and Applied Computer Science UJ, ul. Łojasiewicza 11, 30-348 Kraków, Poland
8. Your personal data will not be subject to automated decision making or profiling.
9. You have the right to lodge a complaint with the Inspector General for the Protection of Personal Data, if you feel that the processing of your personal data violates the GDPR regulations.