

FORM FOR EMPLOYERS

INSTITUTION Center for Theoretical Physics, Polish Academy of Sciences.....

CITY Warsaw.....

POSITION PhD student

DISCIPLINE physics.....

POSTED2024-07-16.....

EXPIRES ...2024-08-09.....

WEBSITE www.cft.edu.pl

KEY WORDS: decoherence quantum open systems

DESCRIPTION (field, expectations, comments):

The Director of the Center for Theoretical Physics PAS invites applications for **one** PhD student fellowship at the CTP PAS, financed from the project **PRELUDIUM BIS ‘Studies of Spectrum Broadcast Structures in Quantum Open Systems Models’** financed from National Science Center (registration No. **2023/50/O/ST2/00630**). PI of the project is Dr hab. Jarek Korbicz. The project starts on 2024-10-01 with the duration of 4 years. Details of the project can be found under the link: <http://warsaw4phd.eu/en/candidates/research-projects/>, tab Center for Theoretical Physics PAS.

Formal requirements:

1. The scientific CV, including the progress in the university studies, scientific achievements (publications, participation in research projects and conferences), with the clause "I agree to the processing of my personal data contained in the application documents for the purposes necessary for the implementation of the process recruitment by the doctoral school Warsaw-4-PhD".
2. Motivation letter.
3. A copy of the master's degree diploma (by 2024-09-15)
4. Copies of documents confirming scientific or professional achievements.
5. Two letters of recommendation from a researcher with at least a PhD degree, concerning the candidate and his/her current scientific activity.

From candidates, we expect:

We are looking for a candidate with a solid theoretical knowledge of quantum mechanics and enthusiastic about working on quantum foundations and quantum information theory. The main task within the project is to conduct theoretical investigations of advanced forms of quantum-to-classical transition and decoherence such as Spectrum Broadcast Structures and quantum Darwinism in various open systems models and write a doctoral thesis based on them.

The application should be submitted electronically via the recruitment system at <http://www.warsaw4phd.eu> between **2024-07-26 and 2024-08-09**. The scholarship will be granted in accordance with the annex to the Resolution of the NCN Council 96/2016 of 27 October 2016 (around **4700 PLN** per month). If you have any questions, please send an e-mail to rekrutacja@cft.edu.pl.

Interviews of candidates are held: **from 2 September 2024 to 11 September 2024** . Candidates will be informed electronically of the results of the competition. Admission to the Doctoral School and the beginning of the scholarship are scheduled for **2024-10-01**

The information obligation for the employee pursuant to Article 13 of the Collective Labour Agreement*:

Information clause in the process of recruitment for studies:

In accordance with Article 13 of Regulation (EU) No. 2016/679 of the European Parliament and of the Council of

27 April 2016 on the protection of individuals with regard to the processing of personal data

- General Data Protection Regulation (OJ EU L 119/1 of 4 May 2016) informs that:

1) The Administrator, i.e. the entity deciding how your personal data will be used, is the Centre for Theoretical Physics of the Polish Academy of Sciences represented by the Director with its registered office in Warsaw, Al. Lotników 32/46. You can contact the Administrator using one of the forms of contact available on the website: <http://www.cft.edu.pl/>

2) The Director of the Centre for Theoretical Physics of the Polish Academy of Sciences has appointed a Data Protection Inspector (DPO) to whom you may contact in matters concerning your personal data. You can contact the DPO by sending an e-mail to: iod@cft.edu.pl

3) Your personal data will be processed in order to conduct the recruitment process for the studies;

4) The basis for processing your personal data are the provisions of the Law Act.

on Higher Education and Science (consolidated text: Journal of Laws of 2018, item 1668);

5. your personal data will be processed for a period of 6 months after the completion of the recruitment process, and in the case of admission to university in accordance with the course of study, and then will be archived in accordance with the applicable regulations.

6. Your personal data will not be made available to other entities, with the exception of entities authorized under the law. Access to your data will be granted to employees and members of university recruitment committees authorized by the administrator;

7. Providing personal data by you is mandatory, if not provided you will not be able to participate in the recruitment process;

8. You have the right to access the content of your data and the right to rectify them, limit their processing;

9. you have the right to lodge a complaint with the President of the Office for the Protection of Personal Data if you believe that the processing of your personal data violates the provisions of the general regulation on data protection.

I agree to the processing of my personal data by CFT PAN, in order to ensure the conditions for full participation in the recruitment process for studies. I provide personal data voluntarily and declare that they are true. I have familiarized myself with the content of the information clause, including information about the purpose and methods of processing personal data and the right of access to the content of their data and the right to correct them.

.....
date, signature of applicant