



Center for Theoretical Physics

Polish Academy of Sciences

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FORM FOR EMPLOYERS

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

CITYWarsaw.....

POSITION **PhD student fellowship**.....

DISCIPLINEphysics.....

POSTED2024-12-05.....

EXPIRES ...2025-02-06.....

WEBSITE <https://warsaw4phd.eu/dla-kandydatow/projekty-badawcze/>

KEY WORDS angielskim 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.

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 project starts on **2025-02-24** 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.

The application must include:

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 2025-01-06)
4. Copies of documents confirming scientific or professional achievements.



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5. Two letters of recommendation from a researcher with at least a PhD degree, concerning the candidate and his/her current scientific activity.

The application should be submitted electronically via the recruitment system at <http://www.warsaw4phd.eu> between **2024-12-19 and 2025-01-06**. The scholarship will be granted in accordance with the annex to the Resolution of the NCN Council 96/2016 of 27 October 2016 (around 4600 PLN per month). If you have any questions, please send an e-mail to rekrutacja@cft.edu.pl.

Interviews of candidates are held: from **2025-01-27 to 2025-01-30**. 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 **2025-02-24**



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HR EXCELLENCE IN RESEARCH

Information Clause – Job Recruitment

Information Obligation under the Article 13 of the RODO *:

1. Data Administrator

The administrator who is a deciding entity on how your personal data will be used is the Center for Theoretical Physics PAN represented by the Director with the seat in Warsaw Al. Lotników 32/46. You can contact the Administrator by using one of the contact forms available on the website: : <http://www.cft.edu.pl/>

2. Data Protection Inspector

The Director of the Center for Theoretical Physics of the Polish Academy of Sciences has appointed the Data Protection Inspector (Inspektor Ochrony Danych - IOD) with whom you can contact in all matters relating to your personal data. You can contact the Inspector by sending an email to: iod@cft.edu.pl

3. The Purposes of Processing and the Legal Basis for Processing

Your personal data will be processed for the purpose of running the current recruitment.

The basis for the processing of personal data are the provisions of the Labor Code Act of June 26, 1974 (uniform text: Dz. U. of 2018, item 917) and based on your consent for data processing.

4. The Period of Storage of Personal Data

Your personal data will be kept for the duration of the present recruitment.

5. Data Recipients**

The recipients of your personal data will be only entities authorized to obtain personal data on the basis of the law. Access to your data is provided only to employees authorized by the administrator and associates who must have access to the data to perform their duties.

6. Your Processing Rights

You have the right to access your data and the right to correct it or limit processing, as well as the right to appeal against the processing.

7. The Obligation to Provide Data and the Consequences of not Providing Data

Providing your personal data specified in the Labor Code is obligatory, and for the remaining extent voluntary.

8. The right to make a complaint to the President of the Office for the Protection of Personal Data

When you feel that the processing of personal data violates the provisions of the general regulation on the protection of personal data, you have the right to make a complaint to the President of the Office for the Protection of Personal Data.

Consent to Data Processing

I consent to the processing of my personal data by the Center for Theoretical Physics PAN for the needs of:

- Present recruitment.

I provide the data voluntarily and I declare that they are truthful. I got acquainted with the contents of the above information, including information about the purpose and methods of processing personal data and the right to access my data and the right to correct them.

.....
signature of the candidate

* Regulation (EU) 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 and on the free movement of such data and repealing Directive 95/46 / EC (general regulation on data protection)