



Centrum Fizyki Teoretycznej

Polskiej Akademii Nauk

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Warsaw, 09 December 2022 r.

The Director of the Center for Theoretical Physics PAS invites applications for **post-doctoral position** at the CTP PAS, financed from the project „Efficient sets of gates and shallow quantum circuits” UMO-2020/37/B/ST2/02478. The PI of the project is Prof. Adam Sawicki.

At the time of application, the candidates should either have a PhD degree, obtained not earlier than in 2015, or will obtain a PhD degree before signing the job contract. We search for candidates interested in research in the domain of **mathematical aspects of quantum computing and quantum information**. Candidates with previous experience in quantum information and/or mathematical physics, are particularly welcome. Among the tasks of the employed scientists will be development of new methods that can be used in the theory of: t-designs, complexity, short quantum circuits, efficient quantum gates. An experience in representation theory and random matrix theory will be treated as an additional asset.

Candidates should submit the following documents:

1. The scientific CV, including the major scientific achievements, list of publications, participation in research projects and conferences.
2. At least one recommendation letter (sent directly by the person giving references to the address rekrutacja@cft.edu.pl)
3. Certified copy of the PhD diploma or the letter from the supervisor about the prospects for completion of the Thesis before the beginning of the employment.
4. Signed RODO clause

Submissions are to be received electronically (only pdf files) at the email rekrutacja@cft.edu.pl by the closing date of **January 15, 2023**. In your e-mail's subject please add the reference number: **AS/17/2022**.

Questions about the project and employment conditions should be sent directly to Prof. Adam Sawicki (a.sawicki@cft.edu.pl).

Review of applications is expected before January 31, 2022. Applicants will be informed about the results by e-mail. The selected candidate will be employed for a period of 24 months. The starting date of the employment is envisaged to be March 1, 2023, but is to some extent negotiable.

Proposed salary of PLN 8200 net per month.

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.

.....
date, signature of the employee

* 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)

