



Centre for Theoretical Physics
of the Polish Academy of Sciences
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Warsaw, 2023-11-16

OPENING FOR POST-DOCTORAL POSITION IN QUANTUM INFORMATION IN THE CENTER FOR THEORETICAL PHYSICS PAS

The Director of the Center for Theoretical Physics of the Polish Academy of Sciences (CTP PAS) in Warsaw (Poland) announces a competition for a post-doc position within the NeQST project *"Next level Quantum information processing for Science and Technology"* funded by the European Commission (grant agreement ID: 101080086).

The project website: <https://neqst-he.eu/>.

The successful candidate will join the **Quantum Information Group at CTP PAS** (<https://www.cft.edu.pl/grupa-naukowa/quantum-information>) led by **Remigiusz Augusiak** (website: <http://raugusiak.weebly.com/>).

The candidate must have a Ph.D. degree in theoretical quantum physics (or mathematics) and solid experience in quantum information theory. Good knowledge of mathematical methods of physics and/or computational skills will be also appreciated. The subject of the CTP's part of the project is widely-understood characterization, detection as well as verification and certification of quantum resources such as entanglement, Bell non-locality and quantum states, measurements, or generally quantum operations. The research has a fundamental character.

The position will be initially granted for one year, with the possibility of extension until October 2025, subject to satisfactory work performance.

The net monthly revenue is up to approx. 9500 PLN net.

Required documents:

1. The scientific CV, including publication list, participation in research projects and conferences (with the clause *"I agree to the processing of my personal data contained in the application documents"*).



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2. Motivation letter, with a brief description of the Candidate's scientific interests and future research plans.
3. A copy of the PhD diploma, or statement from the PhD advisor on the planned date of defense (the PhD should be awarded before the post-doc contract starting date).
4. Applicants should also arrange to have two letters of reference (from senior researchers) separately sent to the email address given below.

The documents should be sent electronically to rekrutacja@cft.edu.pl, by **December 12, 2023**, with obligatory consent to process the personal data (see below). Please add the reference number in the e-mail's title: **RA/13/2023**.

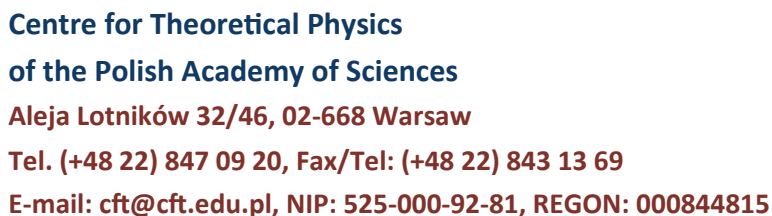
All questions regarding the position should be directed to augusiak@cft.edu.pl.

Selected Applicants will be invited for an interview which will be held either at the institute or via online communicators. The competition will be settled in December 2023 and the selected candidates will be informed by e-mail.

The preferred start date of employment is **December 2023 or January 2024**, although it can be negotiated.



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Information Obligation under the Article 13 of the RODO *:

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/>

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

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.

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

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.

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.

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

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.

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.

* 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





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