

JOB OFFER

Position in the project:	Postdoctoral researcher
Scientific discipline:	Physics (quantum information theory)
Job type:	Employment contract
Number of job offers:	1
Remuneration/month	~8 500 PLN (~2030 Euro) net monthly salary (15 000 PLN full remuneration cost), full social security and health insurance
Position starts on:	Negotiable, preferably from January 2020
Period of contract:	until April 2021 (with the possibility of extensions for few months)
Institution:	Center for Theoretical Physics (Polish Academy of Sciences)
Project leader:	Dr. hab. Remigiusz Augusiak http://raugusiak.weebly.com
Project title:	<i>Self-testing protocols for multipartite quantum states</i> <i>Project is carried out within the First TEAM programme of the Foundation for Polish Science</i>
Project description:	<p>The rapid development of quantum technologies creates an urgent need to design methods to certify whether quantum devices really operate in a non-classical way. The main aim of this project is to respond to this need. We will provide efficient and robust protocols of self-testing—a device-independent certification method—for multipartite entangled quantum states. To reach this goal we will study and explore the phenomena of Bell nonlocality and entanglement in the multipartite scenario.</p> <p>The project will be realized in collaboration with ICFO – the Institute of Photonic Sciences in Barcelona (the groups of profs. A. Acin and M. Lewenstein) and National Centre for Quantum Information in Gdańsk (the group of prof. M. Horodecki).</p>
Key responsibilities include:	<ul style="list-style-type: none">•Realization of tasks stated in the proposal or other tasks states by the project leader, using both analytical and numerical methods•Co-supervision of PhD students hired in the project•Dissemination of the obtained results (writing articles, presentations on scientific events)•Participation in the scientific life of the institute

Profile of candidates/requirements:	<ul style="list-style-type: none"> •PhD in theoretical physics (closely related to quantum information) obtained in 2014 or later •Interest and experience in quantum information theory and high motivation for scientific work •Very good English skills •Enthusiasm for work with PhD students •Good knowledge of quantum theory •Good level of programming skills
Required documents:	<ul style="list-style-type: none"> •Cover letter •Curriculum Vitae including the list of publications and a short description of the most important scientific achievements •Certified copy of the PhD diploma •Two recommendation letters from senior researchers •Consent to process your personal data
We offer:	<ul style="list-style-type: none"> •Opportunity to do research in a fascinating field in a creative, innovative and friendly work environment •Development of analytical and numerical skills in the field of quantum information theory •Close collaboration with top institutes in quantum information theory (ICFO in Barcelona and NQIC in Gdańsk) •Support in application for additional funding and scholarships •Participation in scientific events (workshops, conferences)
Please submit the following documents to	<ul style="list-style-type: none"> •e-mail: rekrutacja@cft.edu.pl •In your e-mail subject please include ref. no RA/13/2019 <p>Selected applicants will be invited for an interview which will be held either at the institute or via Skype.</p>
Application deadline:	Jan 2, 2020
For more details about the position please contact:	Remigiusz Augusiak (e-mail: augusiak@cft.edu.pl) http://raugusiak.weebly.com
Euraxess job/stipend offer:	https://euraxess.ec.europa.eu/jobs/460993

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.