

JOB OFFER

Position in the project:	PhD Student
Scientific discipline:	Physics
Job type (employment contract/stipend):	Scholarship
Number of job offers:	2
Remuneration/stipend amount/month (<i>"X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN"</i>):	4500
Position starts on:	01.06.2019
Maximum period of contract/stipend agreement:	3 years
Institution:	Centre of New Technologies, University of Warsaw
Project leader:	Alexander Streltsov
Project title:	Quantum Coherence and Entanglement for Quantum Technology
Project description:	<p>Successful candidates will work in a team of theoretical physicists and mathematicians on fundamental features of quantum systems and their applications in quantum technology. Potential research topics include, but are not limited to:</p> <ul style="list-style-type: none"> - Quantum resource theories (entanglement, coherence, thermodynamics) - Quantum communication and quantum computation - Open quantum systems
Key responsibilities include:	<ol style="list-style-type: none"> 1. Investigation of general quantum features, such as entanglement and quantum coherence, in quantum protocols and quantum computation. 2. Preparation and dissemination of the research results at international workshops and conferences.
Profile of candidates/requirements:	<p>PhD candidates should have a master degree in physics or related area, and have a good understanding of physics, quantum theory, and quantum optics.</p> <p>University of Warsaw strongly values the diversity of candidates and is very committed to the equality of opportunity. http://en.uw.edu.pl/about-university/mission-statement-strategy</p>
Required documents:	<ol style="list-style-type: none"> 1. Motivation Letter 2. Current curriculum vitae

	<p>3. Research record</p> <p>4. Academic transcript</p> <p>5. At least one letter of reference prepared by a senior researcher familiar with their work to be sent directly by the author to the address a.streltsov@cent.uw.edu.pl with the name of the candidate specified in the subject line.</p>
We offer:	<p>Participation in an exciting research program conducted within a newly established centre with high scientific expectations and goals.</p> <p>Work within Quantum Resources and Information Lab, led by Dr. Alexander Streltsov, yet in close collaboration with theoretical and experimental groups within the Centre for Quantum Optical Technologies, as well as other research teams specialising in quantum theory and its implementations within Warsaw's research community: http://quantum-warsaw.pl/.</p> <p>An open and friendly research environment with access to all the facilities available within the Centre of New Technologies (CENT)—an interdisciplinary research institute established within the University of Warsaw to gather international researchers of different backgrounds and experience, in order to conduct state-of-the-art research in biological, chemical and physical science: http://cent.uw.edu.pl/en/.</p> <p>Close collaboration with foreign institutions, with the necessary financial support of travels and scientific visits.</p>
Please submit the following documents to:	a.streltsov@cent.uw.edu.pl
Application deadline:	19.05.2019
FNP programme	FNP First Team

To allow us to process your data, please include the following statement in your application:

"I hereby consent to have my personal data processed by the University of Warsaw with its registered office at ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa for the purpose of carrying out a recruitment process and selecting an employee and concluding a contract for employment at the University of Warsaw. I have been informed of my rights and duties. I understand that provision of my personal data is voluntary."

In accordance with Article 13 of REGULATION (EU) 2016/679 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data – general regulation on data protection (Official Journal of the EU L 119/1 of 4 May 2016) the University of Warsaw informs that:

1. The administrator of your personal data is the University of Warsaw with its registered office at Krakowskie Przedmieście 26/28, 00-927 Warszawa, e-mail: iod@adm.uw.edu.pl;
2. The Administrator has designated the Data Protection Officer who supervises the processing of personal data, and who can be contacted via the following e-mail address: iod@adm.uw.edu.pl;
3. Your personal data will be processed for the purpose of carrying out a recruitment process and selecting an employee and concluding a contract for employment at the University of Warsaw;
4. The provided data will be processed pursuant to Article 22(1) § 1 of the Act of 26 June 1974 Labour Code (uniformed text: Dz.U. of 2018, item 917) and your consent for processing of personal data;
5. Provision of data in the scope stipulated in the Labour Code is mandatory (this is: name(s) and surname,

parents' first names, date of birth, address of residence, correspondence address, education, previous employment);

6. The remaining data are processed according to your consent for processing of personal data;
7. The data will not be shared with any external entities, except for the cases provided for by law;
8. The data will be stored until you withdraw your consent for processing of personal data;
9. You have the right to access your personal data, rectify, erase, restrict its processing and to withdraw the consent at any time – the withdrawal of consent to processing data should be done in written form, acceptably by e-mail sent to hr@cent.uw.edu.pl;
10. You have the right to lodge a complaint to the President of the Office for the Protection of Personal Data;
11. Your application will be archived and stored for auditing purposes;
12. The name of the selected candidate/s will be made public on the CeNT UW website in accordance with the requirements of the funding agency.