

JOB OFFER

Position in the project:	Student
Scientific discipline:	Theoretical quantum optics and quantum information science
Job type (employment contract/stipend):	Scholarship
Number of job offers:	6
Remuneration/stipend amount/month (<i>"X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN"</i>):	1500 – 2500 PLN gross/month
Position starts on:	01.02.2019
Maximum period of contract/stipend agreement:	1 year
Institution:	Centre of New Technologies, University of Warsaw
Project leader:	Konrad Banaszek
Project title:	Quantum Optical Technologies
Project description:	<p>Project is carried out within the International Research Agenda Programme (IRAP) of the Foundation for Polish Science</p> <p>Successful candidates will work in a team of theorists and experimentalists on fundamental properties of quantum systems, such as quantum coherence and entanglement, and their applications in quantum technologies, such as quantum metrology, sensing, communication, and computation.</p>
Key responsibilities include:	<ol style="list-style-type: none"> 1. Design and optimisation of quantum-enhanced protocols with the emphasis on their applications and implementations. 2. Analysis of the impact of noise and imperfections on real-life quantum devices and technologies. 3. Investigation of general quantum features, such as entanglement and quantum coherence, in quantum protocols and quantum computation 4. Preparation and dissemination of the research results at international workshops and conferences.
Profile of candidates/requirements:	<p>Experience in at least one of the fields: optical physics, quantum physics, quantum optics, information theory, photonics commensurate with the education level of the candidate.</p> <p>University of Warsaw strongly values the diversity of candidates and is very committed to the equality of opportunity.</p>
Required documents:	<ol style="list-style-type: none"> 1. Curriculum vitae 2. Research record 3. Academic transcript 4. Contact details of at least one senior researcher familiar with candidate's work

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 one of the theoretical labs operating within the QOT centre, yet in close collaboration with centre's theoretical and experimental groups, 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 provided by the QOT IRAP Unit, in particular, with the University of Oxford (UK)—the strategic partner of the Unit.</p>
Please submit the following documents to:	Please send the application via email to qot-jobs@cent.uw.edu.pl
Application deadline:	November 26, 2018
FNP programme	International Research Agenda Programme (IRAP)

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;

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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.