JOB OFFER

Position in the project:	PhD student
Scientific discipline:	Quantum optics, atomic physics, optical physics, photonics
Job type (employment contract/stipend):	Scholarship
Number of job offers:	4
Remuneration/stipend amount/month *("X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN"):*	3 500 – 4 500 PLN
Position starts on:	September - October 2018
Maximum period of contract/stipend agreement:	4 years
Institution:	Centre of New Technologies, University of Warsaw
Project leader:	Wojciech Wasilewski
Project title:	**Quantum Optical Technologies --- Light-matter interfaces theme** Project is carried out within the International Research Agenda programme of the Foundation for Polish Science
Project description:	Long term goal of the project is to develop efficient generator of few photon states of light. Our current research effort covers experimental demonstrations of multimode quantum memories including spin wave interference, quantum imaging and state characterization.
Key responsibilities include:	Successful applicant will be tasked with one or more of: 1. Building, extending and testing optical setups 2. Integrating electronics and optics, testing, redesign 3. Elaborating theoretical models in Mathematica, writing Mathematica or python simulations, running them and analyzing results 4. Extending LabVIEW experiment control and running experiments 5. Extending python data analysis scripts and performing data analysis and graphing
Profile of candidates/requirements:	Applicants are required to demonstrate problem solving capacity in at least one of the fields listed below commensurate with the education level of the candidate: • quantum optics or atomic physics, • signal or image processing • electronics including FPGA • integrating optics , electronics and mechanics in optical laboratory
Required documents:	1. Fill online experience assessment questionnaire 2. Selected candidates will be asked for: a. Curriculum vitae including research record b. Academic transcript

	c. Contact details of at least one senior researcher familiar with candidate's work
We offer:	Successful applicant will be merged into the team of talented young researchers and will be allocated to one or several of ongoing projects, taking into account his current expertise and the direction of development she or he wishes and can pursue. Both broad and focused development scenarios can be realized in our group. Ample opportunities for contributing to important research results will be provided, as testified by the list of authors of publications of our group. In addition we provide opportunities to gain experience in broad field of quantum technologies including its peripheries.
Please submit the following documents to:	Via online form at https://goo.gl/forms/ni492BDDDLhJkEGs1
Application deadline:	16th August 2018

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 Controller of your personal data is the University of Warsaw with its registered office at Krakowskie Przedmieście 26/28, 00-927 Warszawa;

2. The Controller 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 221 § 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, and the remaining data are processed according to your consent for processing of personal data;

6. The data will not be shared with any external entities;

7. The data will be stored until you withdraw your consent for processing of personal data;

8. You have the right to access your personal data, to rectify, erase them, restrict their processing, object to processing, and to withdraw the consent at any time;

9. You have the right to lodge a complaint to the President of the Office for the Protection of Personal Data."