

JOB OFFER

Position in the project:	Student
Scientific discipline:	physics
Job type (employment contract/stipend):	stipend
Number of job offers:	3
Remuneration/stipend amount/month :	1.700 PLN/month
Position starts on:	01.02.2018
Maximum period of contract/stipend agreement:	1.02.2018-31.12.2020
Institution:	University of Warsaw, Faculty of Physics Institute of Experimental Physics, Optics Division, Quantum Optics Lab Warsaw, Poland
Project leader:	Dr Radek Łapkiewicz
Project title:	<i>Spatiotemporal photon correlation measurements for quantum metrology and super-resolution microscopy</i> Project is carried out within the First Team programme of the Foundation for Polish Science
Project description:	Our goal is to demonstrate that by measuring light correlations, rather than light intensity, we can break the limitations of standard imaging. We will assemble and characterize an ultrafast single photon sensitive camera that

	will enable us to detect multiple photons per frame with high spatial and temporal resolution. The camera will be applied to low light phase imaging and super-resolution microscopy.
Key responsibilities include:	<ol style="list-style-type: none"> 1. Constructing experimental setups. 2. Writing codes for data acquisition and analysis.
Profile of candidates/requirements:	<ol style="list-style-type: none"> 1. Basic experience in experimental physics or experience in laboratory electronics. 2. Experience in Python/Matlab/Labview programming. 3. Spoken and written English.
Required documents:	<ol style="list-style-type: none"> 1. CV 2. Cover letter 3. Description of scientific interests and research experience (if applicable) 4. Confirmation of the student status. Having a student status is required from the beginning of the involvement in the project.
We offer:	<ol style="list-style-type: none"> 1. Participation in cutting-edge research 2. Collaboration with the top groups in the field
Please submit the following documents to:	<p>radek.lapkiewicz@fuw.edu.pl</p> <p>with the email title “FNP First Team Student Application”</p> <p>In case of a successful application, please provide the original documents within a week to the project leader</p>
Application deadline:	January 30., 2018; 11:59 p.m. CET
For more details about the position please visit (website/webpage address):	The website http://quantumoptics.fuw.edu.pl/
Euraxess job/stipend offer (in case	

of PhD and postdoc positions):

Please include in your offer:

“I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended.”