

JOB OFFER

Position in the project:	Student
Scientific discipline:	Physics
Job type (employment contract/stipend):	stipend
Number of job offers:	1
Remuneration/stipend amount/month:	3000 PLN
Position starts on:	01.11.2025
Maximum period of contract/stipend agreement:	Until the end of the project: 31.08.2028
Institution:	Faculty of Physics, University of Warsaw
Main Contractor:	Dr Radosław Łapkiewicz
Project title:	<p>“Spatiotemporal light shaping and photon counting cameras for microscopy.”</p> <p><i>The project is carried out within the FIRST TEAM FENG programme of the Foundation for Polish Science</i></p>
Project description:	<p>The aim of the project is to develop new imaging techniques, which will take confocal and two-photon microscopes (the most widely used 3D imaging techniques) as a starting point. We plan to modify these techniques by enriching them with an array of single photon detectors (SPAD array) and spatiotemporal beam shaping. The methods we plan to develop will enable a synergistic combination of the advantages of both SPAD array and spatiotemporal beam shaping, which may lead to a breakthrough in bioimaging.</p>
Key responsibilities include:	<p>The scholarship holder will conduct experimental research on wavefront shaping of light and the propagation of light in scattering media. The tasks of the scholarship holders will include:</p> <ul style="list-style-type: none"> • simulation of experimental results, • construction of experimental setups, • collection and analysis of experimental data.
Profile of candidates/requirements:	<p>The FNP research scholarship may be awarded to a person who, at the moment of signing the contract, meets any of the following criteria:</p> <ul style="list-style-type: none"> • is a student of: first-cycle, second-cycle or uniform master's studies conducted at universities in Poland;
Required documents:	<ul style="list-style-type: none"> • cover letter with information on the processing of personal data - information clause and consent clause - form attached to the advertisement. In the case of an application by e-mail in PDF format, it should contain a scanned signature. • - curriculum vitae containing information about the scientific activity and achievements to date • - list of publications and conference presentations • - copies of diplomas obtained
We offer:	<p>We offer the opportunity to participate in an innovative research project conducted in international collaboration with the prestigious Weizmann Institute of Science in Rehovot, Israel. The student involved in the project will have the chance to acquire advanced knowledge and skills in quantum imaging, fluorescence microscopy, spatiotemporal light</p>



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	shaping, as well as the application of modern technologies such as Single-Photon Avalanche Diode (SPAD) detectors and femtosecond lasers. The project also includes tasks related to sample micromachining and optimization of detection techniques, providing participants with the opportunity to develop expertise in experimental analysis, scientific report writing, and publishing results. Participation in the project ensures collaboration with an international research team and opportunities to present findings at seminars and scientific conferences.
Please submit the following documents to:	radek.lapkiewicz@fuw.edu.pl (subject: FIRST TEAM FENG Recruitment – Student)
Application deadline:	05.10.2025, 11.59 pm Central European Time (GMT+1) Selected candidates will be invited to an interview which will be carried out at the Faculty of Physics of the University of Warsaw in person or online
For more details about the position please visit (website/webpage address):	
Euraxess job/stipend offer (in case of PhD and postdoc positions):	



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INFORMATION ON THE PROCESSING OF PERSONAL DATA

INFORMATION CLAUSE

Pursuant to 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, and repealing Directive 95/46/EC (General Data Protection Regulation), University of Warsaw hereby informs:

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 Labor 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 Labor 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.

CONSENT CLAUSE

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.

.....

(place and date)

.....

(signature of the person applying for employment)



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