# JOB OFFER

<table>
<thead>
<tr>
<th>Position in the project:</th>
<th>engineering and technical employee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scientific discipline:</td>
<td>natural and exact sciences</td>
</tr>
<tr>
<td>Job type (employment contract/stipend):</td>
<td>Employment contract, half time</td>
</tr>
<tr>
<td>Number of job offers:</td>
<td>2</td>
</tr>
<tr>
<td>Remuneration/stipend amount/month (&quot;X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN&quot;):</td>
<td>Expected 3200 PLN gross/month for half-time</td>
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<tr>
<td>Position starts on:</td>
<td>August 2023</td>
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<tr>
<td>Maximum period of contract/stipend agreement:</td>
<td>3 - 4 months</td>
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<tr>
<td>Institution:</td>
<td>University of Warsaw, Faculty of Physics</td>
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<tr>
<td>Project leader:</td>
<td>Dr Michał Karpiński</td>
</tr>
<tr>
<td>Project title:</td>
<td>Phase-only shaping of light pulses for applications in quantum technologies</td>
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<tr>
<td>Project description:</td>
<td>The goal of the project is to implement low-loss spectral-temporal transformations of the quantum state of single-photon light pulses. The transformations will be implemented using non-linear optics and electro-optics methods. We will develop their applications within quantum technologies, including photonic quantum network interfaces, quantum information processing and quantum metrology of time and frequency. The Faculty of Physics of the University of Warsaw is the top physics research institution in Poland, ranked within the top 100 physics research institutes in the world. We are a part of the strong local quantum optics and quantum information research community, quantum-warsaw.pl. The project is carried out in active collaboration with teams from the Optoelectronics Research Centre of the University of Southampton (UK), Laboratoire Kastler Brossel of the Sorbonne University in Paris (France) and the Saarland University (Germany).</td>
</tr>
<tr>
<td>Key responsibilities include:</td>
<td>You are expected to provide technical expertise and perform experimental work related to exciting a single-photon</td>
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</table>
emitter in a cryogenic environment, coupling light from the single-photon emitter to an optical fibre, and maintaining stability of the excitation and coupling.

**Profile of candidates/requirements:**

You must be holding a MSc degree in physical sciences or a related field.

You are expected to have 1+ years of hands-on solid-state physics laboratory experience in working with single quantum dots, and in working with helium cryostats (temperatures below 5 K).

You are expected to be able to easily communicate in English, both written and spoken.

**Required documents:**

1. **Cover letter.** *You should provide a scanned copy of the signed document,*
2. Copy of your MSc diploma,
3. Curriculum vitae,
4. Information on personal data processing, the form is attached to this announcement (also available on the website https://bsp.adm.uw.edu.pl/wp-content/uploads/sites/18/2021/01/Klauzula-informacyjna-przy-rekrutacji-do-pracy_11_2019_EN.docx). The file should contain a scanned signature.

In addition, you should provide contact information to a supervisor able to confirm your qualifications and experience.

**We offer:**

Joining in a young, dynamic, international team

Research at the forefront of optical quantum technologies

Possibility to collaborate with our international partners

**Please submit the following documents to:**

To apply you should send the above-listed documents by email to michal.karpinski [at] fuw.edu.pl in the form of a single archive containing the following PDF files (e-mail subject: “Technician First Team”).

**Application deadline:**

14 July 2023, 2 pm Warsaw time

**For more details about the position please visit (website/webpage address):**

http://photon.fuw.edu.pl

**Euraxess job/stipend offer (in case of PhD and postdoc positions):**
Information on personal data processing

Controller

Controller of your personal data processed in connection with the recruitment process is the University of Warsaw, ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa, as the Employer.

Contact with the controller:

- by traditional mail at: University of Warsaw, ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa (name the organizational unit to which your letter is addressed);
- by phone: 22 55 20 355.

Data Protection Officer (DPO)

Controller has designated Data Protection Officer whom you may contact via email at iod@adm.uw.edu.pl. You may contact the DPO in all matters relating to your personal data processing by the University of Warsaw and the exercise of rights in relation to the processing of personal data.

The DPO, however, does not proceed other matters, like handling recruitment procedures, collecting recruitment documents, providing information on current recruitment process.

Purpose and legal grounds of data processing

Personal data of candidates for employment shall be processed for recruitment purposes only.

Your personal data shall be processed in the scope as indicated by employment law¹ (given name (names) and family name, date of birth, contact information as provided, education, professional

¹ Art. 22¹ of the law of June 26, 1974 Labour Code (i.e. Journal of Laws 2019 item 1040 with subsequent changes);
qualifications, previous employment) for the purposes of this recruitment process\(^2\), whereas other data\(^3\) shall be processed based on your consent which may take the following wording:

\[
\text{I agree to the processing of personal data provided in .... (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.}
\]

If your documents include data as mentioned in Art. 9 section 1 of the GDPR (special categories of personal data), processing shall be possible upon your consent to processing such data\(^4\) which may take the following wording:

\[
\text{I agree to the processing of special categories of personal data, as mentioned in Art. 9 section 1 of the GDPR, provided in ........... (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.}
\]

The University of Warsaw shall be also processing your personal data in future recruitment processes upon your consent\(^5\) which may take the following wording:

\[
\text{I consent to processing of my personal data for the purposes of any future recruitment processes at the University of Warsaw for the period of the next nine months.}
\]

You may revoke all such consents at any time by, for example, sending an email at: mkarp@fuw.edu.pl.

Be advised that the revocation of your consent does not affect legal compliance of processing which had been completed upon consent before its revocation.\(^6\)

**Data retention period**

\(^2\) Art. 6 section 1 letter b of the Regulation of the European Parliament and the Council (EU) 2016/679 of April 27, 2016 on protection of individual persons with regard to the personal data processing and on the free flow of such data, and also repealing Directive 95/46/EC (general regulation on data protection) (Official Journal EU L 119 of 04.05.2016, page 1, with subsequent changes) (hereinafter as the GDPR);

\(^3\) Art. 6 section 1 letter a of the GDPR;

\(^4\) Art. 9 section 2 letter a GDPR;

\(^5\) Art. 6 section 1 letter a GDPR;

\(^6\) Art. 7 section 3 GDPR;
Your personal data collected in this recruitment process shall be stored over the period of three months from the date the recruitment process is completed.

In case you agree to process your data in future recruitments, your data shall be used over the period of nine months.

Data recipients
Officers authorized by the Controller shall have access to your personal data, the processing of which is in the scope of their duties.

Recipients of personal data may be other subjects obligated by the Controller to provide specific services involving data processing, like

...............................................................................

(name all recipients of data)

Data transfer outside the European Economic Area (EEA)
Your personal data shall be disclosed to subjects authorized by law. Signing-in is through Google Forms. Your personal data may be also processed by our provider of G-Suit for education by Google Company in their data processing centres.7 Your data shall be protected under the standards of the Privacy Shield, accepted by the European Commission.8 This shall guarantee an adequate level of data security.

Rights of the data subject
Under the GDPR data subjects have the following rights:

- to access data and to receive copies of the actual data;
- to correct (rectify) your personal data;
- to restrict processing of personal data;
- to erase personal data, subject to provisions of Art. 17 section 3 of the GDPR;
- to file a claim with the President of the Personal Data Protection Office, if you believe data processing violates law.

Information on the requirement to provide data
Providing your personal data in the scope resulting from law is necessary to participate in the recruitment process. Providing other personal data is voluntary.

7 https://www.google.com/about/datacenters/inside/locations/index.html
8 https://www.privacyshield.gov
place and date  applicant’s signature