



HR EXCELLENCE IN RESEARCH

FORM FOR EMPLOYERS

INSTITUTION: UNIVERSITY OF WARSAW, FACULTY OF PHYSICS

CITY: WARSAW, POLAND

POSITION: *Assistant Professor (Post-doc)*

GROUP: *Research Academics*

DISCIPLINE: *Physical Sciences*

POSITION PROFILE: **R2**

NUMBER OF POSITIONS: **1**

POSTED: **30 April 2025**

EXPIRES: **31 May 2025**

WEBSITE: **photon.fuw.edu.pl**

KEY WORDS: **quantum optics, quantum photonics, integrated optics**

DESCRIPTION (*field, expectations, comments*):

We are looking for a post-doctoral researcher to join the Quantum Photonics Laboratory research group. You will contribute to the theoretical or experimental developments in our quest to manipulate, measure and explore applications of high-dimensional entangled states of light, using tools based on integrated optics. You will join an experienced team, and build on the strong expertise of the research group in electro-optic and optical nonlinear shaping of quantum light pulses, quantum communication, mid-infrared quantum optics and beyond.

The employment will be within the project „High-dimensional entanglement in an integrated optical platform“ financed by the National Science Centre (Poland) within the SONATA BIS 13 program grant of Dr Michał Karpiński. The planned employment period is for up to 36 months.

The candidates have to conform to the conditions stated in art. 113 of Higher Education Law dated 20 July 2018 (Journal of Laws of the Republic of Poland 2024, item 1571 with further amendments).

Requirements:

The candidate is expected to:

- have a doctoral degree or obtain a doctoral degree before the starting work
- have research experience either in:
 - theoretical quantum optics or quantum information, or
 - classical photonic integrated circuit design and/or characterization, or
 - microwave electronics, or
 - experimental quantum optics
- have a good command of the English language, written and spoken
- be motivated, independent in solving research problems, and eager to learn.

The candidate must meet the conditions set by the National Science Center for people employed in a post-doc position. In particular, the person employed for this position must have a doctoral degree obtained no earlier than 7 years before the year of employment in the project. This period does not include breaks related to maternity leave, additional maternity leave, leave on the conditions of maternity leave, additional leave on the conditions of maternity leave, paternity leave, or parental leave granted on the terms specified in the provisions of the Labor Code or the receipt of sickness allowance or rehabilitation benefits in connection with incapacity for work, including those caused by diseases requiring medical rehabilitation. For women, the indicated 7-year period may be extended by 18 months for each child born or adopted. A woman can choose a more favourable way to indicate breaks in her scientific career.

The employment will take place in accordance with the NCN regulations, in particular the employed person must meet the following conditions jointly:

- the principal investigator was not a supervisor or assistant supervisor of her doctoral dissertation;
- their PhD degree has been awarded by another institution than the one planned to employ them at this post or they have completed a continuous and evidenced post-doctoral fellowship of at least 10 months in another institution than the host institution for the project and in another country than the one in which they have been conferred a PhD degree;
- at the time of receiving remuneration, they will not be receiving any other remuneration paid from the funds granted to research projects under NCN calls under the heading of direct costs;
- in the period of receiving the remuneration they will be receiving no remuneration from another employer pursuant to an employment contract, including an employer with registered office outside of Poland;
- during the period of receiving this remuneration, he will not receive retirement benefits from the social security system;
- will be employed for at least 6 months.

Evaluation Criteria:

1. possession of a PhD degree in physics, electronic engineering, or a related field, or prospect of obtaining the PhD degree before starting work.
2. research experience either in:
 - theoretical quantum optics or quantum information, or
 - classical photonic integrated circuit design and/or characterization, or
 - microwave electronics, or
 - experimental quantum optics
3. interest in the subject, motivation.
4. command of the English language

Key responsibilities:

As part of the Sonata BIS project „High-dimensional entanglement in an integrated optical platform“ under the supervision of Dr. Michał Karpiński, you will perform research tasks within the project, work with other team members, supervise students, write or contribute to writing of research publications and present research results at conferences and meetings. Depending on your expertise you will be involved either in theoretical aspects of the research project, or in experimental developments.

Employment details:

The work will be carried out at the Institute of Experimental Physics, at the Faculty of Physics of the University of Warsaw under the supervision of Dr. Michał Karpiński. This is a full-time position for a period of up to 36 months. The planned employment starts 01.08.2025.

Interested candidates should submit the following documents by e-mail to michal.karpinski@fuw.edu.pl in form of PDF files (with the e-mail title including the phrase: „Postdoc SONATA BIS”):

1. Application for the position - a pdf-format scan of a signed document.
2. Information on the processing of personal data - information clause and consent clause - attachment to the announcement (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) - a pdf-format scan of a signed document.
3. Statement on reading and accepting the rules for job applications for a position of an academic teacher at the University of Warsaw (available on the website <https://www.fuw.edu.pl/dokumenty-i-formularze.html>) - a pdf-format scan of a signed document
4. Copy of doctoral diploma or document(s) confirming the prospect of obtaining a doctoral degree before starting employment,
5. Curriculum vitae,
6. Cover letter
7. List of publications with a single most important achievement highlighted,
8. List of at least 2 professors or senior faculty members familiar with the candidate's achievements who may be asked for reference letters (including contact details),
9. Copies of other relevant documents confirming candidate's qualifications.

As part of the employment process, the selected candidate will be required to submit the original documents. The candidates might be asked for an interview with a recruitment commission appointed by the Dean of the Faculty.

The entire employment procedure will be concluded before 30.06.2025. Candidates will be individually notified of the results of this call by email.

Candidates with disabilities or special needs may report their accessibility requirements for the recruitment process.

This announcement is the first step in the procedure of employing an academic researcher and its positive result will lead to consecutive steps.

The University of Warsaw follows an *Open, Transparent, and Merit-Based Recruitment Policy*, the content of which can be accessed at: <https://rekrutacja-i-rozwoj.bsp.uw.edu.pl/polityka-rekrutacji>

Information about the Internal Reporting Procedure at the University of Warsaw pursuant to the Act of June 14, 2024 on the procedure for whistleblowers:

The University of Warsaw has [a procedure for reporting rights violations](#) - Internal reporting procedure, attached to Ordinance No. 94 of the Rector of the University of Warsaw dated 17 September 2024 on the procedure for whistleblowers reporting cases of law violation at the University of Warsaw and for undertaking follow-up actions, published and available in Monitor UW 2024, item 266.

.....
Name and surname

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)

The controller has designated a 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 handle other matters, like handling recruitment procedures, collecting recruitment documents, and providing information on current recruitment processes.

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 qualifications, previous employment*) for the purposes of this recruitment process², whereas other data³ shall be processed based on your consent which may take the following wording:

I agree to the processing of personal data provided in 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 data⁴ which may take the following wording:

I agree with the processing of special categories of personal data, as mentioned in Art. 9 section 1 of the

¹ Art. 22¹ of the law of June 26, 1974 Labour Code (i.e. Journal of Laws 2019 item 1040 with subsequent changes);

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;

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 consent⁵ which may take the following wording:

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 michal.karpinski@fuw.edu.pl (email address due for the recruitment process).

*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

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 members of the competition committee.

(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;*

⁵ Art. 6 section 1 letter a GDPR;

⁶ Art. 7 section 3 GDPR;

⁷ <https://www.google.com/about/datacenters/inside/locations/index.html>

⁸ <https://www.privacyshield.gov>

- 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.

.....
place and date

.....
applicant's signature