

COMPETITION ANNOUNCEMENT

The Dean of the Faculty of Physics, with the consent of the Rector of the University of Warsaw, announces a competition for the position of **Assistant Professor (Post-Doc)** in the project “**Free-form optical fibers for information systems**”.

About the programme/project/undertaking:

Title of programme/project/undertaking	Free-form optical fibers for information systems
Type of programme/project/undertaking	MAESTRO - 14
Funding institution	NCN
Duration of programme/project/undertaking	From 2023-04-14 to 2027-04-13 (48)
Head of programme/project/undertaking	Prof. dr hab. Ryszard Buczyński
Description of programme/project/undertaking	Externally funded research project (NCN)

Position details:

Position title	Assistant Professor (Post-Doc)
Organisational unit	Faculty of Physics
Employment group	Research
Position profile ¹	R2
Academic discipline ²	Physical sciences
Number of positions	2
Form of employment and length of working time (proportionally to full-time employment)	Full-time temporary employment for up to 15 months, but not later than until 31.03.2027
Expected date of commencement of work and employment period	Beginning of employment in the first quarter of 2026.
Remuneration	Basic salary PLN 180,000 gross/gross per year, in accordance with NCN regulations (includes 13th salary, may include seniority allowance). More information: link
Other working conditions	Place of work: Institute of Geophysics, Faculty of Physics, University of Warsaw. Opportunities for professional development: an opportunity to participate in training courses.

¹ Complete only in the case of competition for the position in the research employment group or the research and teaching employment group.

² Complete only in the case of competition for the position in the research employment group or the research and teaching employment group.

Basic responsibilities and obligations	<p>The candidate for the position of Assistant Professor / Post-Doc in the MAESTRO-14 project entitled "Free-form optical fibers for information systems" will perform the following tasks:</p> <ul style="list-style-type: none"> – Design and modeling of optical fibers. – Participation in the development of new numerical methods for modeling special free-form fibers. – Experimental and numerical study of phenomena occurring in free-form fibers. – Experimental research involving the development and testing of new types of optical fibers for use in telecommunications, lasers and sensors. – Cooperation with the technology team, young scientists, and students. – Publishing the results in scientific journals. – Participating in seminars, conferences, and training courses.
Conditions for entering the competition ³	<ol style="list-style-type: none"> 1. A PhD in science or engineering, preferably in physics, mathematics, or technical sciences in the field of electronics or computer science. 2. Experience in theoretical or experimental research involving passive, active, specialty, or telecommunication optical fibers, or in modeling linear and nonlinear phenomena—including the use of deep learning methods—in the field of optical fibers and optical phenomena. 3. Experience in conducting research and disseminating results. 4. Experience in working in research teams. 5. Knowledge of the MATLAB, Python, PyTorch, or TensorFlow computing environment. 6. Fluent in spoken and written English. <p>Candidates for the position of ASSISTANT PROFESSOR in the research staff group must meet the conditions set out in the University of Warsaw Statutes:</p> <ul style="list-style-type: none"> – Hold at least a doctoral degree, – Have significant scientific achievements, – Be required to present a plan for further research activities, – Have international experience. <p>The candidate must meet the requirements specified in the appendix to NCN Council Resolution No. 60/2022 of 9 June 2022 on amendment to the Regulations for granting funds for the implementation of tasks financed by the NCN in the field of research projects:</p> <ul style="list-style-type: none"> – The candidate must meet the conditions set by the National Science Centre for persons employed in post-doctoral positions. In particular, a person employed in this position must hold a doctoral degree obtained no earlier than 7 years before to the year of employment in the project. This period does not include breaks related to maternity leave, additional maternity leave, leave on the terms of maternity leave, additional leave on the terms of maternity leave, paternity leave, parental leave or childcare leave, granted on the terms specified in the Labor Code, or the receipt of sickness benefit or rehabilitation benefit in connection with incapacity for work, including that caused by an illness requiring medical rehabilitation. In the case of women, the indicated 7-year period may be extended by 18 months for each child born or adopted. A woman may choose a more favorable way of indicating breaks in her academic career. – Employment will be in accordance with NCN regulations. In particular, the person employed must meet all of the following conditions: <ul style="list-style-type: none"> · during the period of receiving this remuneration, they will not receive any other remuneration from funds allocated as direct costs of research projects financed in NCN competitions; · they will not be a person who has been awarded a doctoral degree by the entity where they are planned to be employed in this position, unless they have completed at least 10 months of continuous and documented postdoctoral training in an entity other than the institution implementing the project and in a country other than the country where the doctoral degree was obtained;

³ Required by the Act, the Law on Higher Education and Science, the Statute of the University of Warsaw, as well as necessary for the position.

	<ul style="list-style-type: none"> · the project manager was not the supervisor or co-supervisor of their doctoral dissertation; · during the period of receiving this remuneration, they will not receive remuneration from another employer under an employment contract, including an employer based outside Poland; · they will be employed for a period of not less than 6 months. <p>Fulfillment of the requirements specified in Article 113 of the Law on Higher Education and Science (Dz.U. 2024, poz. 1571 t.j.).</p>
In addition, we expect ⁴	<i>If hired, we expect that the University of Warsaw will be the primary place of work for the selected candidate.</i>
Criteria for the assessment of candidates in a competition	<p>Each member of the selection committee evaluates each candidate by awarding points in three categories:</p> <ul style="list-style-type: none"> - scientific achievements, including publications in reputable scientific publications/journals (max. 40 points) - achievements resulting from the conduct of scientific research, scholarships, awards and scientific experience gained at home or abroad, scientific workshops and training, participation in research projects (max. 20 points) - competence to carry out specific tasks in the research project (max. 40 pts.) <p>Total to obtain: 100 points from each committee member. The candidate who meets the entry requirements and obtains the highest number of points, not less than 60% of points, will win.</p>
<i>Position related/not related⁵ to activities covered by the protection of minors.</i>	

Competition rules:

Announcement reference number	WF-1210-147/2025
Keywords	nanotechnology, optical fibers, few mode fibers, polarization
Deadline for submitting applications ⁶	30.01.2026, 10:00 am
Method of submitting an application	Instytutu Geofizyki Wydziału Fizyki UW, ul. Pasteura 5, 02-093 Warszawa, pok. B4.41, Email: secretariat.igf@fuw.edu.pl „Post-doc MAESTRO-14”
Required documents	<ol style="list-style-type: none"> 1. Personal questionnaire (available for download from the website: https://rekrutacja-i-rozwoj.bsp.uw.edu.pl/wp-content/uploads/sites/43/2025/03/PL-14.docx). 2. Description of research plans and interests, and description of the most important scientific achievement. 3. Information regarding the doctoral degree obtained or planned to be obtained: <ol style="list-style-type: none"> a) doctoral diploma or certificate of obtaining a doctoral degree; or b) statement of the planned date of obtaining the doctoral degree; 4. Two letters of recommendation were sent by the persons preparing them directly to the following address: Ryszard.Buczynski@fuw.edu.pl. <p>Please ensure that your application is complete and submit it by the deadline.</p>

The competition is the first stage of the recruitment process, please read the Policy of Open, Transparent and Merit-Based Recruitment at the University of Warsaw [link](#)

Stages of competition	<p><i>The competition consists of the following stages:</i></p> <ul style="list-style-type: none"> – <i>Stage I - formal evaluation of documents,</i> – <i>Stage II - substantive evaluation based on the submitted documents,</i> – <i>Stage III - interview with selected candidates,</i> – <i>Stage IV - final evaluation of competence, experience, and academic achievements,</i>
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⁴ Additional conditions to be met; however, not meeting them will not lead to a negative formal assessment.

⁵ Delete as appropriate.

⁶ Not sooner than 30 days from the date of publication of the announcement.

	– <i>Stage V - adjudication of the competition and announcement of results.</i>
Anticipated date and method of notification of the competition outcomes	<i>Candidates will be informed of the outcome of the competition by 16.02.2026 via email</i>
Contact for any questions relating to the competition	At the email address: Ryszard.Buczynski@fuw.edu.pl with the announcement reference number Accessibility needs should be indicated on the Candidate's Questionnaire, in: Other relevant information from a candidate

Employing faculty/unit:

Research profile of faculty/unit	The Faculty of Physics at the University of Warsaw is a leading research center in Poland that conducts both theoretical and experimental research at various levels and in many areas of physics. At the Faculty of Physics, one can gain a broad knowledge of physics, as well as knowledge that combines physics with other sciences, such as chemistry, biology, mathematics, and computer science.
Teaching profile of faculty/unit	The Department of Physics at the University of Warsaw offers a wide range of programs, from undergraduate and master's degrees to doctoral programs. It prepares students to work in a variety of sectors, including science, research, education, and industries related to information technology and artificial intelligence
Other information	-

The University of Warsaw has implemented the procedure for whistleblowers reporting cases of law violation and for undertaking follow-up actions. For **more information** about this topic and the processing of candidates' personal data please follow the [link](#)

The University of Warsaw is a winner of the HR Excellence in Research award granted by the European Commission to institutions adhering to the European Charter for Researchers.

