

COMPETITION ANNOUNCEMENT

The Director of the Centre of Excellence for Structured Fiber Optics and Applications, with the consent of the Rector of the University of Warsaw, announces a competition for the position of **Assistant Professor (Post-Doc, Young Doctor)** in the project “**MAB FENG**”.

About the programme/project/undertaking:

Title of programme/project/undertaking	Centre of Excellence for Structured Fiber Optics and Applications
Type of programme /project/ undertaking	MAB FENG
Funding institution	FNP
Duration of programme/project/undertaking	From 2026-01-01 to 2029-12-31 (48 months)
Head of programme/project/undertaking	Prof. dr hab. Ryszard Buczyński
Description of programme/project/undertaking	Externally funded research project (FNP)

Position details:

Position title	Assistant Professor (Post-Doc, Young Doctor according to UoD)
Organisational unit	Centre of Excellence for Structured Fiber Optics and Applications
Employment group	Research
Position profile ¹	R2
Academic discipline ²	Physical sciences
Number of positions	3
Form of employment and length of working time (proportionally to full-time employment)	Full-time temporary employment for up to 42 months, but not later than 31.12.2029
Expected date of commencement of work and employment period	Beginning of employment in the 3rd quarter of 2026.
Remuneration	Basic salary PLN 324 000 gross/gross per year, in accordance with regulations (includes 13th salary, may include seniority allowance). More information: link

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.

Other working conditions	<p>Place of work: Centre of Excellence for Structured Fiber Optics and Applications, University of Warsaw, Pasteura 5, 02-093 Warsaw.</p> <p>Opportunities for professional development: an opportunity to participate in training courses.</p>
Basic responsibilities and obligations	<p>The candidate for the position of Assistant Professor / Post-Doc/Young Doctor in the MAB FENG project entitled "Centre of Excellence for Structured Fiber Optics and Applications" will participate in the following tasks:</p> <ul style="list-style-type: none"> – Design and modeling, fabrication and characterization of specialty optical fibers. – Development of new numerical methods for modeling specialty optical fibers. – Experimental and numerical study of phenomena occurring in specialty optical fibers. – Experimental research involving the development and testing of new types of specialty 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 .
Conditions for entering the competition ³	<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> <ol style="list-style-type: none"> 1. A PhD in science or engineering, preferably in physics, chemistry, mathematics, or technical sciences in the field of electronics, material engineering or computer science, awarded within 5 recalculated years prior to the date of announcement of the competition, in accordance with the definition of an early-career postdoctoral researcher under the MAB FENG program. 2. Having a scientific track record documented by scientific publications and experience in theoretical or experimental research involving passive, active, specialty 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 or in optical glass synthesis or in the fabrication of specialty optical fibers. 3. Experience in working in research teams. 4. Knowledge of the MATLAB, LabView, Python, PyTorch, or TensorFlow computing environment, or issues related to the synthesis of optical glasses, or the fabrication processes of specialty optical fibers, or the metrology of specialty optical fibers. 5. Fluent in spoken and written English. <p>The candidate must meet the specified requirements:</p> <ul style="list-style-type: none"> – The candidate must meet the requirements established by the FNP for persons employed in post-doctoral positions in MAB FENG projects. In particular, the person employed in this position must hold a doctoral degree obtained no earlier than 5 years before the year of employment in the project. The 5-year period is calculated from the year in which the doctoral degree was obtained. The beginning of this period is determined by the calendar year in which the degree was awarded, and the end of the period is the year preceding the deadline for submitting applications in the call. The 5-year period may be extended by all documented periods of interruption in scientific work occurring after the date of obtaining the doctoral degree, provided that only interruptions lasting no less than 6 months will be taken into account. Documented interruptions in scientific work include, among others, unpaid leave, parental leave, interruptions caused by long-term illness, employment in the R&D sector without participation in scientific research, employment in other sectors of the economy, etc. For women who have given birth to a child, or persons who have adopted a child, the 5-year period shall be extended by 1 year for each child,

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.

	<p>regardless of the date of birth or adoption of the child, even if the documented period of leave or work interruption related to this was shorter.</p> <ul style="list-style-type: none"> – Employment will be in accordance with FNP 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 FNP 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; · 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>

Position ~~related~~/not related⁵ to activities covered by the protection of minors.

Competition rules:

Announcement reference number	MAB SOWA 01/2026
Keywords	nanotechnology, optical fibers, few mode fibers, optical fiber sensors, fiber lasers, fabrication of optical fibers, 3D glass printing
Deadline for submitting applications ⁶	30.07.2026, 10:00 am
Method of submitting an application	Instytutu Geofizyki Wydziału Fizyki UW, ul. Pasteura 5, 02-093 Warszawa, pok. B4.41, Email: sekretariat.IGF@fuw.edu.pl , „Assistant Professor MAB FENG”
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/43/2025/04/EN_kwestionariusz.docx) 2. Description of research plans and interests, and description of the most important scientific achievement.

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.

	<p>3. Information regarding the doctoral degree obtained: doctoral diploma or certificate of obtaining a doctoral degree; or</p> <p>4. Two letters of recommendation were sent by the persons preparing them directly to the following address: Ryszard.Buczynski@fuw.edu.pl.</p> <p>Please ensure that your application is complete and submit it by the deadline.</p>
	<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</p>
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> - <i>Stage V - adjudication of the competition and announcement of results.</i>
Anticipated date and method of notification of the competition outcomes	<p><i>Candidates will be informed of the outcome of the competition by 31.08.2026 via email</i></p>
Contact for any questions relating to the competition	<p>At the email address: Ryszard.Buczynski@fuw.edu.pl with the announcement reference number</p> <p>Accessibility needs should be indicated on the Candidate's Questionnaire, in: Other relevant information from a candidate</p>

Employing faculty/unit:

Research profile of faculty /unit	<p>The Centre of Excellence for Structured Fibre Optics and Applications (CD SOWA) at the University of Warsaw is a new research centre established by decision of the Rector of the University of Warsaw on 1 January 2026. The Centre conducts theoretical, experimental, and technological research in the field of fibre optics. At CD SOWA, one can acquire broad knowledge in the field of photonics, as well as interdisciplinary knowledge combining physics with other sciences, such as chemistry, biology, mathematics, and computer science..</p>
Teaching profile of faculty/ unit	<p>The Centre of Excellence for Structured Fibre Optics and Applications does not conduct teaching activities; however, in this area it closely cooperates with the Faculty of Physics at the University of Warsaw. The Faculty of Physics of the University of Warsaw offers a broad range of educational programmes, from Bachelor's and Master's degree programmes to doctoral studies. It prepares students for careers in various sectors, including science, research, education, and industries related to information technologies and artificial intelligence.</p>
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.



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