



ANNOUNCEMENT – Research Team Leader / Group 4

The Director of the MAB QLAB Center announces a recruitment process for the position of Research Team Leader in Group 4 – Quantum Computing and Artificial Intelligence at the MAB QLAB Center, as part of the International Research Agendas (MAB) program, Action 2.1 of the European Funds for a Modern Economy 2021–2027 (FENG) Program, project FENG.02.01-IP.05-B013/25 “Center for Hybrid Quantum-Classical Information Technologies – QLAB.”

The recruitment process is conducted by the International Scientific Committee in accordance with established recruitment guidelines. For Research Group Leaders, the International Scientific Committee conducts a competition, approves the scope of requirements, evaluates candidates, and issues a recommendation regarding employment.

The selected candidate will be offered an employment contract at the University of Warsaw for a research and technical position outside the academic faculty.

About the program/project:

Program/Project Title	Center for Hybrid Quantum-Classical Information Technologies – QLAB
Program/project type	International Research Agendas (MAB), Measure 2.1 of the European Funds for a Modern Economy 2021-2027 (FENG) Program
Funding Institution	Foundation for Polish Science (FNP) – intermediary institution
Project duration	January 1, 2026 – December 31, 2029
Project Leader	Magdalena Stobińska-Moretto, Ph.D., Prof. at the University of Warsaw (Principal Investigator / Director of the MAB QLAB Center)
Project description	The MAB QLAB Center is being established at the University of Warsaw as a joint venture with Sorbonne Université. The Center’s goal is to develop scalable, hybrid quantum-classical technologies in the following areas: (i) quantum-secure communication, (ii) quantum infrastructure and photonic information processing, (iii) quantum imaging and metrology, and (iv) quantum computing and artificial intelligence. Group 4 – will focus on researching and developing hybrid quantum algorithms and innovative computational paradigms, including neuromorphic ones. Research will cover algorithms based on discrete transforms, optimized for NISQ systems as well as QNC applications, reservoir computing, generative language models, and autonomous quantum agents. The group will develop methods for benchmarking and verifying quantum advantage and for optimizing hybrid algorithms. Expected results include energy-efficient software and photonic processors.

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Position details:

Position	Research Team Leader – a research and technical position, Senior Specialist outside the academic faculty.
Organizational unit	Group 4 (Quantum Computing and Artificial Intelligence), MAB QLAB Center, University of Warsaw
Number of positions	1
Employment type	Full-time employment contract with the University of Warsaw. Position outside the academic faculty.
Salary	Monthly salary determined in accordance with the budget of project FENG.02.01-IP.05-B013/25 and the salary scale of the MAB QLAB Center in the amount of PLN 21,000.00 – 24,000.00 gross, per month, which consists of basic salary, seniority allowance and supplementary remuneration, possibility of bonuses and awards.
Planned start date	Immediately – to be determined.
Employment period	Up to 48 months, not exceeding the project’s eligibility period (December 31, 2029, with the possibility of extension).
Other terms of employment	<ul style="list-style-type: none"> • Work location: MAB QLAB Center, University of Warsaw, Warsaw. • Work in a dynamic team focused on the development of the Center and the department. • No teaching duties under the employment contract. • A starter package is available, including research travel, conference participation, and computing resources. • Opportunities for mobility with QLAB partners. • Leading an independent research group. • Support for Open Access publications. • Opportunity to file patent applications. • Research budget. • Access to training and professional development opportunities offered by the University of Warsaw. • Full benefits package.
Primary Responsibilities	<p>The main responsibilities of the person hired for this position will include:</p> <ul style="list-style-type: none"> • developing and implementing the research program of the research team within Group 4; • providing substantive leadership to an independent research team and ensuring the high quality of the research conducted; • conducting world-class scientific research and publishing results in reputable journals; • actively seeking external funding, particularly through NCN, HE, NCBR, and ERC competitions; • providing academic (substantive) supervision of doctoral students, postdoctoral fellows, and team members;

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	<ul style="list-style-type: none"> • collaborating with domestic and international research partners of the QLAB Center; • preparing substantive reports, conference presentations, and disseminating project results; • identifying research results with implementation potential and collaborating on intellectual property protection and patent applications; • adhering to the Code of Ethics for FNP Laureates and Beneficiaries and the regulations in force at the Center and at the University of Warsaw.
<p>Eligibility Requirements</p>	<ul style="list-style-type: none"> • A Ph.D. in physics, computer science, mathematics, electrical engineering, or a related discipline. • Documented, significant scientific achievements, in particular publications and conference presentations or invitations in a subject area consistent with the profile of QLAB Group 4. • Experience in leading a research team or demonstrated potential to serve as a scientific leader. • Very good command of spoken and written English, at least at the B2 level. • Experience in carrying out research projects, particularly in the role of project manager, principal investigator, or co-investigator. • Willingness to actively collaborate in an interdisciplinary and international environment. • Experience in commercializing research results or collaborating with the business community will be an additional asset. • Experience in academic supervision of students, doctoral candidates, or early-career researchers will be an asset. <p>The position involves full-time employment at the MAB QLAB Center, with the possibility of reducing the work load to 50% in the event of an ERC grant. In such a case, the ongoing ERC project is expected to be transferred to the MAB QLAB Center, in accordance with the project’s guidelines and applicable regulations. The maximum monthly workload is 276 hours.</p>
<p>Candidate Evaluation Criteria</p>	<ol style="list-style-type: none"> 1. Scientific excellence, including the quality, originality, and significance of the candidate’s most important scientific achievements, publications, patents, prototypes, or other research results, as well as their contribution to the development of the relevant field of research – 30%. 2. Scientific independence and leadership potential, including experience in leading research teams or participating in their work, the ability to conduct an independent research program, supervise young scientists and create an internationally competitive research group, as well as the candidate’s experience in

	<p>supervising diploma theses, including as a supervisor or assistant supervisor of doctoral theses – 20%.</p> <ol style="list-style-type: none"> 3. Alignment with the QLAB research program—the relevance of the proposed research plan in the context of QLAB’s objectives, its scientific ambitions, feasibility, and potential synergy with existing or planned research groups—20%. 4. Experience in securing and implementing research funding—participation in national and international grants, experience as a project manager or principal investigator, and the potential to secure prestigious funding, including ERC grants or grants of equivalent standing—10%. 5. Internationalization and collaboration—international mobility, collaboration with leading research institutions, interdisciplinary or cross-sectoral collaboration, and the ability to build international research networks—10%. 6. Technology transfer and impact — experience or potential in commercialization, intellectual property protection, proof-of-concept activities, collaboration with industry, and the socio-economic impact of research — 10%. <p>The candidate evaluation criteria have been approved by the International Scientific Committee of the MAB QLAB Center.</p>
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Recruitment rules:

Call reference number	QLAB/2026/LZB/G4/01
Keywords	Head of the Research Team, hybrid quantum algorithms, innovative computational paradigms, neuromorphic computing, discrete transforms, quantum communication, quantum cryptography, post-quantum cryptography, security proofs
Application deadline	July 16, 2026 (no earlier than 14 days from the date of publication of the announcement)
How to apply	Email with the subject line "QLAB LZB G4 - <last name>" to toglab@uw.edu.pl along with the required documents in PDF format. Confirmation of receipt within 3 business days.
Required documents	The candidate should submit the following documents in PDF format: <ol style="list-style-type: none"> 1. A signed privacy notice regarding the processing of personal data — in accordance with the template attached to the announcement. 2. A signed candidate statement—in accordance with the template attached to the announcement.

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	<ol style="list-style-type: none"> 3. Curriculum Vitae, including in particular information on the candidate’s academic career, research experience, team leadership, participation in projects, and international collaboration. 4. A cover letter explaining the rationale for applying for the position of Research Team Leader in QLAB Group 4 and describing how the candidate’s profile aligns with the QLAB Research Agenda—maximum 2 A4 pages. 5. A copy of doctoral degree or other document confirming the award of a doctoral degree in physics, computer science, mathematics, electrical engineering, or a related discipline. 6. A list of the candidate’s most significant scientific achievements, including publications, patents, prototypes, implementations, or other research results relevant to the profile of QLAB Group 4. 7. A complete list of scientific publications, indicating up to five of the candidate’s most significant achievements along with a brief justification of their importance. 8. A description of the research plan proposed for implementation in QLAB Group 4, covering scientific objectives, planned methods, potential results, opportunities for synergy with the QLAB Research Agenda, and the anticipated scientific or technological impact—maximum 5 A4 pages. 9. Information on experience in leading research teams, providing academic supervision to students, doctoral candidates, or early-career researchers, as well as organizational and leadership experience. 10. A list of ongoing or completed research projects, indicating the candidate’s role, funding sources, duration, and budget, if applicable. 11. Information on experience in international collaboration, academic mobility, and interdisciplinary or cross-sectoral collaboration. 12. Information on experience in the commercialization of research results, intellectual property protection, patent applications, proof-of-concept activities, or collaboration with industry—if applicable. 13. At least two letters of recommendation from recognized scientists or experts in a field relevant to the position’s profile, sent directly by the recommenders to: qlab@uw.edu.pl. 14. Other documents that the candidate deems relevant for the evaluation of their scientific achievements, leadership potential, project experience, or fit with the QLAB Research Agenda.
<p>Recruitment stages</p>	<ul style="list-style-type: none"> • Stage I – formal evaluation of submitted documents. • Stage II – substantive evaluation of applications by the Recruitment Committee. • Stage III – interviews conducted by the International Scientific Committee with selected candidates, either online or in person.

	<ul style="list-style-type: none"> • Stage IV – determination of the final scores for candidates and selection of the candidate recommended for employment by the International Scientific Committee.
Expected date and method of notification of results	Within 45 days of the application deadline. Candidates will be notified individually via email. The results will also be published on the QLAB website and the EURAXESS portal.
Contact regarding recruitment	qlab@uw.edu.pl – please always include the reference number QLAB/2026/LZB/G4/01. Please indicate any accessibility needs in your cover letter.

Recruitment is conducted in accordance with the University of Warsaw's Policy on Open, Transparent, and Merit-Based Recruitment: <https://rekrutacja-i-rozwoj.bsp.uw.edu.pl/polityka-rekrutacji/>

Recruiting unit:

Research profile of the unit	MAB QLAB - https://qlab.uw.edu.pl (under construction). Group 4: Quantum Computing and Artificial Intelligence.
Additional information	<p>The recruitment process for the position of Research Team Leader is conducted under the supervision of the Director of the MAB QLAB Center, with key input from the International Scientific Committee. The International Scientific Committee is responsible for conducting the competition, approving the job requirements, evaluating candidates, and issuing a recommendation regarding the hiring of the selected candidate.</p> <p>Recruitment is conducted in accordance with the rules of the FNP International Research Agendas program, the provisions of the MAB QLAB project grant agreement, the regulations in force at the University of Warsaw, and the principles of the European Charter for Researchers (HR Excellence in Research).</p>



HR EXCELLENCE IN RESEARCH

The University of Warsaw has implemented a procedure for whistleblowers reporting violations of the law and for taking follow-up actions. For more information and details on the processing of candidates' personal data: <https://rekrutacja-i-rozwoj.bsp.uw.edu.pl/przydatne-dokumenty/>

The University of Warsaw is a recipient of the HR Excellence in Research award granted by the European Commission to institutions that comply with the European Charter for Researchers.

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given and family name

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 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 (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.

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;

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 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 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 qlab@uw.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

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(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.

⁴ Art. 9 section 2 letter a 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>

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.

.....
place and date

.....
applicant's signature



Declaration of the candidate

Required declaration

In connection with art. 113 of the Act of the Law on Higher Education and Science of July 20, 2018 (Journal of Laws of 2024, item 1571 as amended), I declare that:

- 1) I have full legal capacity,
- 2) I enjoy full public rights,
- 3) I have not been expelled from work at the university with a ban on working at universities for a period of 6 months to 5 years,
- 4) I have not been deprived of the right to practice as an academic teacher for a period of 10 years,

I have not been convicted by a final judgment for an intentional crime or an intentional fiscal crime.

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Place and date

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Signature of the candidate