

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 ¹ in the project “Predictive algorithms for simulating quantum materials”.

About the programme/project/undertaking:

Title of programme/project/undertaking	“Predictive algorithms for simulating quantum materials”
Type of programme/project/undertaking	Horizon Europe, ERC Advanced Grants
Funding institution	European Research Council – ERC
Duration of programme/project/undertaking	01/06/2025-31/05/2030
Head of programme/project/undertaking	Prof. Emanuel Gull
Description of programme/project/undertaking	gull-group.org , https://en.uw.edu.pl/in-the-world-of-quantum-algorithms/

Position details:

Position title	Assistant
Organisational unit	Faculty of Physics
Employment group	Research
Position profile ²	R1
Academic discipline ³	Physical sciences
Number of positions	2
Form of employment and length of working time (proportionally to full-time employment)	Employment contract, 0,5 of full-time employment
Expected date of commencement of work and employment period	01/01/2027 for 12 months, extendable yearly to a maximum of 48 months
Remuneration	Basic remuneration PLN 2.342 gross/month plus the additional annual remuneration, allowance for years of service, plus supplementary salary PLN 2.750,03 gross/month More information: link

¹ The nouns used in the announcement apply to people of all genders.

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

³ 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	– Workplace: Institute of Theoretical Physics at the Faculty of Physics of the University of Warsaw, , ul. Pasteura 5, 02-093 Warsaw Career opportunities: More information: link
Basic responsibilities and obligations	The candidate will perform research on numerical algorithms for quantum systems, including quantum impurities and real materials systems. The focus of the positions lies on the solution of strongly correlated quantum systems. More information: Scope of responsibilities of the academic teacher
Conditions for entering the competition⁴	– Fulfilment of the requirements set out in Article 113 of the Law on Higher Education and Science (Journal of Laws of 2024, item 1571, consolidated text) – Applicants are required to have a master degree or equivalent in physics as well as relevant research experience.
In addition, we expect ⁵	– Fluency in English is required
Criteria for the assessment of candidates in a competition	1. Measurable research output (publications, projects, presentations) directly relevant to the ERC project Quantum Algorithms (40%) 2. Research experience and competence directly relevant to the ERC project Quantum Algorithms (60%)
Position related /not related ⁶ to activities covered by the protection of minors.	

Competition rules:

Announcement reference number	WF-1210-18/2026
Keywords	Condensed matter theory, theoretical many-body physics, computational physics, high-performance computing
Deadline for submitting applications⁷	30/10/2026
Method of submitting an application	– The candidate should provide all documents as a single PDF document to Emanuel Gull, emanuel.gull@fuw.edu.pl
Required documents	– Candidate's questionnaire link – Cover letter with motivation for applying to the position. – Contact to 3 referees Please ensure that your application is complete and submitted by the deadline indicated!

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	The competition consists of the following stages: – Stage I - formal evaluation of documents, – Stage II - substantive evaluation on the basis of submitted documents, – Stage III - interview with selected candidates , – Stage IV - final evaluation of competence, experience and scientific achievements, – Stage V - adjudication of the competition and announcement of results.
Anticipated date and method of notification of the competition outcomes	30/11/2026, The competition will be concluded by e-mail Candidates will be informed about the results via email.
Contact for any questions relating to the competition	emanuel.gull@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

⁴ 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.

⁵ Additional conditions to be met; however, not meeting them will not lead to a negative formal assessment.

⁶ Delete as appropriate.

⁷ Not sooner than 30 days from the date of publication of the announcement.

Employing faculty/unit:

Research profile of faculty /unit	https://www.fuw.edu.pl/home.html
Teaching profile of faculty/ unit	N/A
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.

