COMPETITION ANNOUNCEMENT (F/M): Engineering and technical employee

The position will be funded under NAWA Polish Returns 2024 program for the project "Modeling of optically excited states in periodic and molecular systems with the self-consistent Green's function methods", Principal Investigator: Prof. dr Dominika Zgid

Requirements and scope of duties

Basic responsibilities and obligations	– Implementing the two-particle Bethe–Salpeter formalism at the GW level. – Performing tests for molecular systems. – Developing an implementation scheme for the Bethe–Salpeter formalism for solids.
Conditions for entering the competition	– knowledge of the one- and two-particle Green's function formalisms, – experience in performing molecular calculations, – knowledge of programming techniques, – knowledge of quantum chemistry and solid-state physics, – prior experience working with the two-particle Green's function formalism.
Nice to Have	-

This position is not related to activities covered by the protection of minors.

Position details:

Form of employment and length of working time (proportionally to full-time employment)	Employment contract, 0.5 of full-time employment (20 hours per week)
Expected date of commencement of work and employment period	Start date to be agreed with the Principal Investigator, no earlier than 15/12/2026 Initial contract for 12 months
Remuneration	Basic remuneration PLN 2403 gross/month plus the additional annual remuneration, allowance for years of service (depending on the documentation provided), plus supplementary salary 1920 PLN gross/month. More information: link
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

*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

Recruitment process:

Deadline and method of submitting applications	until 20.11.2026 The candidate should email all documents as a single PDF document to *dominika.zgid@fuw.edu.pl*

Required documents	Candidate's questionnaire link
Contact for any questions relating to the competition	*dominika.zgid@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

We thank all applicants for their applications. We reserve the right to contact selected applicants..

About us

The University of Warsaw is among the top 3% of universities in the world. It is also one of the largest research centers in the country, comprising 25 faculties and over 30 teaching and research units.

The University is one of the largest employers in the Mazovia region and a recipient of the HR Excellence in Research award, granted by the European Commission to institutions that adhere to the European Charter for Researchers..

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