

## COMPETITION FOR A POSITION OF ASSISTANT PROFESSOR (F/M) IN THE RESEARCH STAFF GROUP

Pursuant to Art. 119(1) of the Act of 20 July 2018, Law on Higher Education and Science

INSTITUTION:	Gdańsk University of Technology
ORGANIZATIONAL UNIT:	Faculty of Applied Physics and Mathematics, Institute of Physics and Applied Computer Science, Division of Theoretical Physics and Quantum Informaton
CITY:	Gdańsk
REFERENCE NUMBER:	3722
EMPLOYEES GROUP:	research staff
POSITION:	<b>Assistant professor (f/m)</b>
NUMBER OF OFFERS AVAILABLE:	1
RESEARCHER PROFILE:	Recognised Researcher (R2)
SCIENTIFIC / ARTISTIC DISCIPLINE:	physical sciences
POSTED:	27.10.2025
EXPIRES:	26.11.2025
PLANNED DATE OF COMPETITION ENDS:	28.11.2025
PLANNED DATE OF EMPLOYMENT:	01.01.2026
FORM OF CONTRACT:	contract of employment
TYPE OF CONTRACT:	temporary
JOB STATUS:	full-time
HOURS PER WEEK:	40
PROPOSED SALARY:	9 500 - 10 500 PLN gross monthly salary depending on the candidate's experience, qualifications and length of service
LINK TO JOB OFFER:	<a href="http://pg.edu.pl/en/bip/job-vacancies/AcademicTeacher/3722/download">http://pg.edu.pl/en/bip/job-vacancies/AcademicTeacher/3722/download</a>

### TASKS / ROLE

- development of electron collision theory for inelastic scattering
- relativistic calculations of electron (positron)-atom collision processes for astrophysical environments
- study of relativistic atomic and ionic structures using the multi-configuration Dirac-Hartree-Fock method
- development of the computational packages used (GRASP / JAC)
- supervision of students involved in the research process
- preparation and submission of manuscripts related to the results obtained
- search for additional research funding opportunities

### REQUIREMENTS

- PhD in Physical Sciences
- very good knowledge of relativistic quantum mechanics

- experience in calculating atomic structures and the scattering properties of electrons and positrons on atoms and molecules
- very good knowledge of the GRASP computational package, confirmed by scientific publications in which it was used to perform calculations
- ability to program in Fortran and Python
- ability to use Origin and Matlab packages to analyze calculation results
- very good knowledge of English

## **ADDITIONAL REQUIREMENTS**

- knowledge of JAC and FAC computational packages
- ability to program in Julia
- professional experience in an English-speaking environment

## **BENEFITS**

- work for one of the leading technical universities in Poland
- academic organisational culture based on the principles of respect
- stable employment conditions
- additional annual salary
- opportunity to relax at Gdańsk Tech's Resort, located in the picturesque Kaszuby Lake District
- trips abroad within the Erasmus+ program
- internal trainings
- access to the university library
- option to join: employee group life insurance, private medical care, sports and recreation program (Benefit MultiSport card)
- sports activities at Gdańsk Tech's facilities
- on campus there are: kindergarten, baby changing and feeding stations, refreshment kiosks, relaxation areas and free parking lot
- holiday subsidies
- preferential loans
- work in a well-connected place
- and much more... For a full list of benefits visit: <https://chr.pg.edu.pl/en/join-us>

## **REQUIRED DOCUMENTS**

- academic CV containing information about education, previous academic employment, and participation in research projects
- copy of diploma confirming the award of a doctoral degree
- motivation letter with a brief description of research interests
- list of scientific publications
- a statement that, if employed, Gdańsk University of Technology will be the primary place of employment within the meaning of the Law on Higher Education and Science
- a declaration that, if employed, a statement of inclusion in the N number will be submitted to Gdańsk University of Technology
- a personal questionnaire for job applicants (download: <https://chr.pg.edu.pl/en/join-us/documents-candidate>)

## **PLACE AND FORM OF THE OFFERS**

- By e-mail to the address: [prac-konkursy.wftims@o365.pg.edu.pl](mailto:prac-konkursy.wftims@o365.pg.edu.pl)
- In the title of e-mail, please enter: Assistant professor (Nobelium), nr. ref 09/WFTIMS/2025

## **ELIGIBILITY CRITERIA**

The eligibility criteria will relate to the requirements of a given competition and will concern a qualitative and quantitative assessment of the candidate's qualifications, competences, experience and achievements.

## **ADDITIONAL INFORMATION**

- The competition can be finalized without selection of the candidate.
- Winning the competition does not mean that the candidate will be employed. The final decision on employment is made by the rector.
- One can report any special needs related to the recruitment process (interview), resulting from disability, by sending such information to the e-mail address provided in the advertisement.
- [Documents for the candidate.](#)

## CONTACT

E-mail address: [prac-konkursy.wftims@o365.pg.edu.pl](mailto:prac-konkursy.wftims@o365.pg.edu.pl)

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### Note

If you provide data other than: first name(s), surname, date of birth, contact details, education, professional qualifications, previous employment history please include the following clause:

***I hereby consent to the processing of my personal data contained in the recruitment application by Gdańsk University of Technology (ul. G. Narutowicza 11/12, 80-233 Gdańsk, Poland) for the purposes of the recruitment process conducted for the position I am applying for.***

### Information on the principles for the processing the personal data of job applicants:

1. The Data Controller presented in the job offer is Gdańsk University of Technology with its seat at ul. G. Narutowicza 11/12, in Gdańsk (postal code: 80-233).
2. The Data Controller appointed the Data Protection Officer (DPO), who may be contacted via email address: [dpo@pg.edu.pl](mailto:dpo@pg.edu.pl). You may contact the DPO in all matters relating to the processing of your personal data by Gdańsk University of Technology and the exercise of rights in relation to the processing of personal data. The DPO, however, does not process other matters, like handling the recruitment procedures, collecting recruitment documents, providing information on current recruitment process.
3. Your personal data shall be processed in the scope as provided for in the Labor Code, i.e. given name (names) and family name, date of birth, contact information, education, professional qualifications, previous employment history, for the purposes of this recruitment process (pursuant to Article. 6(1)(c) of GDPR\*), whereas other data shall be processed based on your consent (pursuant to Article 6(1)(a) of GDPR\*), as follows:  
***I consent to the processing of my personal data contained in the recruitment application by Gdańsk University of Technology (ul. G. Narutowicza 11/12, 80-233 Gdańsk, Poland) for the purpose of the recruitment process conducted for the position I am applying for.***
4. Your personal data will be stored for a period of 6 months counting from the completion of the recruitment process for the position advertised and, in the case of successful start of employment, until the termination of the employment relationship, and will then be archived and kept for a period of 10 years.
5. The provided data will not be made available to third parties. The recipients of the data will only be institutions authorized by law.
6. Under the terms of the GDPR\*, you have the right:
  - a. to access the content of your data,
  - b. to rectify the personal data when they are inconsistent with the reality,
  - c. to delete, limit the processing, as well as data transfer, pursuant to applicable regulations,
  - d. to object to the processing of your data,
  - e. to lodge a complaint to the supervisory authority - the President of the Office for Personal Data Protection, if you consider that the processing of your personal data violates the provisions on the personal data protection,
  - f. to withdraw your consent at any time (if expressed, without affecting the lawfulness of processing carried out on the basis of the consent before its withdrawal).
7. The personal data provided by you will not be subject to profiling.
8. Providing your personal data to the extent resulting from Art. 22<sup>1</sup> of the Labor Code is obligatory to participate in the recruitment process for the position you applying for. Providing other data by you is voluntary.

\*GDPR - Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).