

**COMPETITION FOR A POSITION OF ASSOCIATE 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:	3929
EMPLOYEES GROUP:	research staff
POSITION:	Associate professor (f/m)
NUMBER OF OFFERS AVAILABLE:	1
RESEARCHER PROFILE:	Recognised Researcher (R2)
SCIENTIFIC / ARTISTIC DISCIPLINE:	physical sciences
POSTED:	28.07.2026
EXPIRES:	27.08.2026
PLANNED DATE OF COMPETITION ENDS:	10.09.2026
PLANNED DATE OF EMPLOYMENT:	01.10.2026
FORM OF CONTRACT:	contract of employment
TYPE OF CONTRACT:	temporary
JOB STATUS:	full-time
HOURS PER WEEK:	40
PROPOSED SALARY:	9 000 - 10 500 PLN gross monthly salary depending on the candidate's experience, qualifications and length of service
LINK TO JOB OFFER:	http://pg.edu.pl/en/bip/job-vacancies/AcademicTeacher/3929/download

TASKS / ROLE

- benchmark calculations of low-energy electron/positron scattering from selected atoms, ions and small molecules relevant to the existing Gdańsk Tech program, including methane isotopologues and noble-gas/heavy-atom targets
- analysis of phase shifts, scattering lengths, differential and integral cross sections, and the influence of static, exchange, correlation-polarization and relativistic effects
- tests of continuum-orbital strategies compatible with GRASP/GRASPC-type approaches, with emphasis on numerical stability, completeness and representation of the continuum in finite basis sets
- feasibility studies of extensions from elastic scattering toward inelastic, autoionization, ionization and Auger-type electron-emission processes using Lippmann-Schwinger and Green's-function ideas
- conducting world-class research at the Gdańsk University of Technology
- preparing a reusable computational application, comparative tables and results that can support future grant applications and establishing long-term cooperation between Gdańsk Tech and partner institutions
- publishing the results of work in renowned scientific journals

REQUIREMENTS

- at least a doctoral degree in physical or chemical sciences
- high scientific position of the candidate on a global scale
- specialization in relativistic atomic-structure and low-energy electron-scattering theory
- expertise in Lippmann-Schwinger continuum descriptions, continuum Green's functions, continuum-basis integrals and EOM-CCSD/CVS-based calculations of Auger electron spectra and partial decay widths
- strong, documented international research experience
- scientific achievements documented, among others, by publications
- fluent knowledge of English allowing for conducting scientific research and communicating freely within a research team

ADDITIONAL REQUIREMENTS

- proven track record of success in securing research funding
- communication skills
- 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
- 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
- work in a well-connected place

REQUIRED DOCUMENTS

- CV, including information about education, previous academic employment and participation in research projects
- copy of the PhD diploma confirming the award of the doctoral degree
- motivation letter with brief description of research interests and their connection to the project topics
- list of scientific publications
- a statement that in the event of employment, the Gdańsk University of Technology will be the primary place of work within the meaning of the Law on Higher Education and Science
- a declaration that in the event of employment, a statement will be submitted to the Gdańsk University of Technology on inclusion in the number N
- questionnaire for a person applying for employment (download: <https://pg.edu.pl/uczelnia/kariera/dokumenty-dla-kandydatow>)

PLACE AND FORM OF THE OFFERS

- By e-mail to the address: prac-konkursy.wftims@o365.pg.edu.pl
- In the title of e-mail, please enter: Associate professor (WFTiMS reference number 12/2026)

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 candidates.](#)

CONTACT

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. 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 therecruitment 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. 22¹ 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).