POLITECHNIKA GDAŃSKA

HR EXCELLENCE IN RESEARCH

COMPETITION FOR A POSITION OF ASSISTANT LECTURER (F/M) IN THE RESEARCH AND TEACHING 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 Electronics Telecommunications and Informatics, Department of Algorithms and Systems Modelling
CITY:	Gdańsk
REFERENCE NUMBER:	3996
EMPLOYEES GROUP:	research and teaching staff
POSITION:	**Assistant lecturer (f/m)**
NUMBER OF OFFERS AVAILABLE:	1
RESEARCHER PROFILE:	First Stage Researcher (R1)
SCIENTIFIC / ARTISTIC DISCIPLINE:	information and communication technology
POSTED:	26.10.2026
EXPIRES:	26.11.2026
PLANNED DATE OF COMPETITION ENDS:	30.11.2026
PLANNED DATE OF EMPLOYMENT:	01.01.2027
FORM OF CONTRACT:	contract of employment
TYPE OF CONTRACT:	temporary
JOB STATUS:	full-time
HOURS PER WEEK:	40
PROPOSED SALARY:	6 300 - 6 900 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/3996/download

TASKS / ROLE

- conducting research in distributed algorithms, with a particular focus on coordination problems involving mobile agents in graphs
- designing and analysing algorithms for rendezvous, agent dispersion, graph exploration, graph domination, and tracking moving objects
- investigating the potential of quantum entanglement and nonclassical correlations to improve the performance of decentralized algorithms compared with classical strategies
- analysing the complexity, correctness, and limitations of the algorithms under study, taking into account computational and communication resources, as well as resilience to failures and byzantine agents
- preparing research results for publication and presenting them at scientific conferences
- contributing to the research activities of the team and conducting research as part of preparing a doctoral dissertation in a field related to the research conducted
- conducting teaching classes (tutorials, laboratory and project classes) in programming and algorithms

REQUIREMENTS

- a master's degree or equivalent in computer science, mathematics, physics, or a related field
- good knowledge of algorithms and data structures, as well as the fundamentals of discrete mathematics
- ability to solve research problems independently and to think analytically
- programming skills in at least one programming language.
- good command of english, sufficient for reading scientific literature, preparing research publications, and communicating scientific results
- willingness to undertake doctoral training or pursue a phd in accordance with the applicable regulations
- knowledge of Polish sufficient to conduct teaching classes

ADDITIONAL REQUIREMENTS

- knowledge of distributed algorithms, graph theory, computational complexity, or randomized algorithms
- interest in quantum computing, particularly quantum entanglement, quantum correlations, and their applications in information processing
- experience in mathematical modelling, algorithm analysis, or scientific research
- experience in implementing algorithms, conducting computational experiments, or analysing numerical results.
- demonstrated research achievements, such as publications, conference presentations, or participation in research projects

BENEFITS

- employment at one of Poland's leading technical universities, which co-creates modern science and education
- a friendly working environment based on cooperation, mutual respect, and academic values
- stable employment and transparent working conditions
- additional annual salary
- opportunities for scientific and academic career development in an inspiring academic environment
- access to modern research, teaching, and laboratory infrastructure supporting research and teaching activities
- opportunities to take part in international mobility under the Erasmus+ programme and engage in international collaboration
- relocation support and assistance with residence formalities for international employees
- access to Gdańsk Tech Library resources and modern campus infrastructure
- social benefits, including preferential loans, holiday subsidies, and access to the Gdańsk Tech holiday resort, set amid the picturesque lakes and forests of the Kashubia region
- the option to join a private healthcare plan, group life insurance, and the MultiSport recreational programme
- sports activities held at University facilities
- a family-friendly campus, with a kindergarten, baby-changing and feeding facilities, catering points, and relaxation areas
- work in a location with excellent transport connections, with the possibility of using free parking spaces

REQUIRED DOCUMENTS

- CV
- documents confirming obtained academic and professional degrees/titles
- opinion of one independent researcher is recommended

PLACE AND FORM OF THE OFFERS

- By e-mail to the address: kams.weti@pg.edu.pl
- In the title of e-mail, please enter: Assistant lecturer at the Faculty of Electronics, Telecommunications and Informatics (f/m)

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

E-mail address: kams.weti@pg.edu.pl

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. 22^1 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).