

COMPETITION FOR A POSITION OF ASSISTANT PROFESSOR 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

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| INSTITUTION: | Gdańsk University of Technology |
| ORGANIZATIONAL UNIT: | Faculty of Electrical and Control Engineering, Department of Electric Drives and Energy Conversion |
| CITY: | Gdańsk |
| REFERENCE NUMBER: | 3754 |
| EMPLOYEES GROUP: | research and teaching staff |
| POSITION: | Assistant professor |
| NUMBER OF OFFERS AVAILABLE: | 1 |
| RESEARCHER PROFILE: | Recognised Researcher (R2) |
| SCIENTIFIC / ARTISTIC DISCIPLINE: | automation, electronics, electrical engineering and space technologies |
| POSTED: | 08.12.2025 |
| EXPIRES: | 07.01.2026 |
| PLANNED DATE OF COMPETITION ENDS: | 08.01.2026 |
| PLANNED DATE OF EMPLOYMENT: | 01.02.2026 |
| FORM OF CONTRACT: | contract of employment |
| TYPE OF CONTRACT: | temporary |
| JOB STATUS: | full-time |
| HOURS PER WEEK: | 40 |
| LINK TO JOB OFFER: | http://pg.edu.pl/en/bip/job-vacancies/ AcademicTeacher/3754/download |

TASKS / ROLE

- development of new optimised designs for multilevel and multiphase inverters and algorithms for controlling these converters
- development of a control topology for multi-level, multi-output inverters (dual output inverters)
- analysis of converter operation, simulation verification and experimental verification - this work will require critical analysis of literature, the use of modern modelling tools, signal analysis, as well as conducting experimental research and analysing its results
- preparing manuscripts for scientific publications based on the research results obtained
- conducting classes (exercises and laboratories) for students in English
- creating a new team at the Faculty

REQUIREMENTS

- doctoral degree in technical sciences in the field of electrical engineering / power electronics
- experience and ability to work independently and as part of a team, confirmed by at least 12 articles published in the last 5 years in journals from the Minister of Science's list covering the subject of multilevel and multiphase inverters

- proficiency in the use of simulation packages (PSIM, SIMPLORER, PLECS, SPICE, MATLAB/SIMULINK) and the C++ programming language
- knowledge of TCAD ver.8 software
- ability to programme ADSP21363L processors and Altera Cyclone logic circuits for controlling multilevel inverters
- minimum 10 years of research experience after obtaining a PhD in technical sciences
- fluent command of English (including technical English) enabling scientific research, teaching and free communication within the research team
- documented international mobility experience - working in at least two foreign research centres

ADDITIONAL REQUIREMENTS

- knowledge of Python programming language, engineering software such as AutoCAD, text editors such as LaTeX or Microsoft Office

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

- CV
- doctoral diploma
- list of scientific achievements
- 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

PLACE AND FORM OF THE OFFERS

- By e-mail to the address: hr.weia@pg.edu.pl
- In the title of e-mail, please enter: Assistant professor at the Department of Electric Drive Automation and Energy Conversion

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).