POLITECHNIKA GDAŃSKA

HR EXCELLENCE IN RESEARCH

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 Electronics Telecommunications and Informatics, Department of Functional Materials Engineering
CITY:	Gdańsk
REFERENCE NUMBER:	3983
EMPLOYEES GROUP:	research staff
POSITION:	**Assistant professor (f/m)**
NUMBER OF OFFERS AVAILABLE:	1
RESEARCHER PROFILE:	Recognised Researcher (R2)
SCIENTIFIC / ARTISTIC DISCIPLINE:	biomedical engineering, materials engineering, automation, electronics, electrical engineering and space technologies
POSTED:	08.10.2026
EXPIRES:	08.11.2026
PLANNED DATE OF COMPETITION ENDS:	16.11.2026
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:	9 500 - 11 500 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/3983/download

TASKS / ROLE

- conducting research on the development and optimization of conductive polymeric and hydrogel materials for bioelectronic interfaces
- synthesizing and modifying PEDOT-based materials and preparing conductive formulations for 3D bioprinting
- characterizing the physicochemical, structural, mechanical, and electrical properties of the developed materials
- electrochemically characterizing materials and microelectrode prototypes
- participating in the development and optimization of bioadaptive microelectrodes and their in vitro validation
- analyzing and interpreting research results and preparing reports, scientific publications, and conference presentations
- providing scientific supervision to students involved in the project and supporting the planning and execution of experimental work
- collaborating with team members and national and international project partners

REQUIREMENTS

- PhD in biomedical engineering, materials engineering, chemistry, electronics, or a related field; the candidate must meet the definition of a ‘Young Doctor’ under the FIRST TEAM FENG programme rules, i.e. have held the doctoral degree for no more than 7 years in the year of the recruitment call, counting from the year following the year in which the degree was obtained, taking into account the extensions provided for in the programme rules
- research experience with functional materials, polymers, hydrogels, or materials for biomedical applications
- experience preparing and characterizing hydrogels or polymer formulations
- knowledge and practical experience with materials characterization methods, particularly SEM/EDS, FTIR, XRD, electrical conductivity measurements, and mechanical characterization
- experience conducting experimental laboratory research and analyzing and interpreting research results
- scientific track record documented by publications in peer-reviewed scientific journals and presentations at scientific conferences
- strong analytical thinking and research problem-solving skills
- ability to independently plan and conduct research and make decisions about the direction of experimental work
- advanced English proficiency (minimum C1)

ADDITIONAL REQUIREMENTS

- experience with conductive polymers, particularly PEDOT
- experience in electrochemistry and techniques such as EIS and CV
- experience with 3D printing or 3D bioprinting
- experience working in interdisciplinary or international research teams
- research experience gained through scientific internships or research stays at international research institutions

BENEFITS

- participation in the ambitious NEURO-FIT research project, funded by the Foundation for Polish Science FIRST TEAM FENG program, developing new solutions in bioelectronics and neural interfaces
- work in the Bioelectronic Materials and Interfaces Lab at Gdansk University of Technology, conducting research at the intersection of materials science, bioelectronics, and biomedical engineering work in an interdisciplinary, international research environment and collaborate with international project partners
- opportunities to conduct part of the research and undertake research stays at international partner institutions
- access to modern research infrastructure and advanced techniques for fabricating and characterizing materials and microelectrodes
- opportunities to develop scientific independence and expertise, co-author scientific publications, and present research results at international conferences
- active participation in building a new research team and developing new research directions in bioadaptive neural interfaces
- 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

- curriculum vitae
- supporting documents relating to your academic and professional degrees/titles
- opinion of one independent researcher is recommended

PLACE AND FORM OF THE OFFERS

- By e-mail to the address: karolina.cysewska@pg.edu.pl
- In the title of e-mail, please enter: Assistant professor f/m (Young Doctor 1) in project NEURO-FIT in the Department of Functional Materials Engineering

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 employee's salary will be financed from the project entitled *'NEURO-FIT: Bioadaptable microelectrodes with in vivo activated hydrogel contacts for personalized stimulation and recording of deep brain structures'* no. FENG.02.02-IP.05-0250/26, implemented under the call for proposals no. FENG. 02.02-IP.05-001/26 of the FENG Programme, with the support of the Foundation for Polish Science. The Principal Investigator of the project is Karolina Cysewska, Ph.D from the Faculty of Electronics, Telecommunications and Informatics.**
  Minimum period of involvement: from January 1, 2027 to December 31, 2029.
- 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.
- It is possible to adapt the workstation to the needs of persons with disabilities.

CONTACT

E-mail address: karolina.cysewska@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).