

COMPETITION FOR A POSITION OF ASSISTANT LECTURER (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:	3926
EMPLOYEES GROUP:	research staff
POSITION:	Assistant lecturer (f/m)
NUMBER OF OFFERS AVAILABLE:	1
RESEARCHER PROFILE:	First Stage Researcher (R1)
SCIENTIFIC / ARTISTIC DISCIPLINE:	chemical engineering, materials engineering
POSTED:	27.07.2026
EXPIRES:	26.08.2026
PLANNED DATE OF COMPETITION ENDS:	02.09.2026
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
LINK TO JOB OFFER:	http://pg.edu.pl/en/bip/job-vacancies/AcademicTeacher/3926/download

TASKS / ROLE

Studies of SOEC cell resistance to impurities (WP2):

- investigation of the influence of impurities (Cr, Si) on the stability and durability of cell materials as well as interconnects and coatings used in SOEC cells
- conducting long-term oxidation tests in controlled atmospheres; evaluation of microstructural changes and area-specific resistance
- preparation of samples for electrochemical and corrosion analyses; analysis of degradation mechanisms

Studies of interconnects and protective coatings (WP3):

- comprehensive studies of protective coatings applied to interconnects made of 430 steel
- corrosion tests under high-temperature conditions, including in air and in atmospheres containing water vapour and hydrogen, with monitoring of oxidation processes and impurity emissions
- comparison of the effectiveness of new coatings with reference materials (e.g. Crofer22APU) and development of recommendations regarding the best material configurations
- collaboration with consortium partners on the interpretation of degradation mechanisms and the development of strategies for limiting impurity emissions from BoP components

General:

- preparation of scientific reports and publications

REQUIREMENTS

- Master of Science in materials engineering, chemical engineering, chemical sciences, or a related discipline
- documented research experience in the field of materials for solid oxide electrochemical cells (SOFC/SOEC)
- experience in area-specific resistance (ASR) measurements and electrochemical methods, including electrochemical impedance spectroscopy (EIS)
- ability to prepare samples and characterise microstructure and chemical composition (SEM/EDS, XRD), including post-mortem analyses
- publication record in scientific journals in the above field
- very good command of English, enabling work in an international consortium, reporting, and preparation of publications (min. B2)
- ability to independently plan, conduct, and document experiments, and to work in a team

ADDITIONAL REQUIREMENTS

- communication skills
- ability to work in an international team

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

- curriculum vitae
- supporting documents relating to your professional titles
- information about professional achievements
- chronological list of publications
- opinion of one independent researcher is recommended

PLACE AND FORM OF THE OFFERS

- By e-mail to the address: sebastian.molin@pg.edu.pl
- In the title of e-mail, please enter: Assistant lecturer in project CHARGE

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.](#)
- It is possible to adapt the workstation to the needs of persons with disabilities.

CONTACT

E-mail address: sebastian.molin@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 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. 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).