



Assistant in the group of research-teaching staff, Institute of Automation/ Department of Electric Drive and Industrial Automation

Lodz University of Technology is one of the finest universities of technology in Poland. Its tradition and experience in training professionals and conducting research date back more than 75 years. It is an attractive partner for business. It cooperates with the largest national and international corporations. It conducts research of a European standard, develops new technologies and creates innovation in collaboration with the leading research centres all over the world. One of the pillars of Lodz University of Technology management is equal treatment of staff regardless of their gender, age, race or other demographic and social characteristics. In 2016, TUL was the first technical university in Poland to receive the HR EXCELLENCE IN RESEARCH award certifying that the University adheres to the principles of the *European Charter for Researchers* and the *Code of Conduct for the Recruitment of Researchers*.

1. The requirements to be met by the candidate (detailed description of the knowledge, qualifications, skills, and professional experience).

- second degree studies in automation and robotics or automation and robot control completed with at least more then/above good grade,
- ability to perform scientific work confirmed by publications in journals included in the list of the Ministry of Science and Higher Education
- experience in control system design,
- good ability to perform simulations of mechanical and power electronic systems
- experience with MATLAB/Simulink and PowerSim software,
- experience with MS Office,
- embedded systems programing skills,
- proficiency in C, C++ and Python
- proficiency in English,
- polish language proficiency, both oral and written, enabling to conduct of educational and organizational activities,
- ability to formulate hypothesis and plan research aimed at verifying them,
- ability to work in a team,
- ability to make independent decisions,
- high personal culture and interpersonal skills,
- ability to impart knowledge and build relationships with students in the teaching process,
- willingness to acquire new knowledge and continuously improve the curriculum of taught subjects as well as create new laboratory positions.

2. Specification of the terms and conditions of employment and authority associated with the position.

- employment contract at FTE,
- expected start date: **October 1st, 2025.**

3. Description of the expected responsibilities and duties.

- conducting educational classes,
- conducting research in dynamical system control,



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- publishing scientific research results in journals and at conferences
- enhancing qualifications through participation in training,
- participating in organizational work for the benefit of the University and the Unit,
- participating in activities aimed at improving the quality of education in the field of "Automation and Robot Control".

4. List of the required documents:

- 1) application for employment to the Rector of Lodz University of Technology;
- 2) personal questionnaire for a person applying for employment at Lodz University of Technology, as provided in Annex no. 1.1 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;
- 3) Data Privacy Statement as provided in Annex no. 1.2 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;
- 4) Consent to the processing of personal data, as provided in Annex no. 1.3 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT;
- 5) true copies/copies of diplomas;
- 6) other documents proving the qualifications.

5. The place, manner, and deadline for submitting the documents (as well as information concerning their return);

Documents should be submitted by **August 29, 2025** at the Secretariat of the Institute of Automation, Lodz University of Technology, room 125, 90-537 Łódź, B. Stefanowskiego 18, building A10 or via e-mail: w2i21@adm.p.lodz.pl

6. Contact person and postal and e-mail addresses to which documents or scans thereof may be forwarded

For matters related to the competition, please contact the Secretariat of the Institute of Automation, Tel. (+48) 42 631 2560, (+48) 42 631 2547.

7. The expected date of the announcement of the decision : *September 3, 2025.*

8. Description of the profile of the unit announcing the competition

Institute of Automatic Control has been involved for many years in topics related to the control of electric machines, industrial robots and power electronic systems.

The main areas of research currently being conducted in the department include:

- Variable structure control with sliding modes,
- Application of fuzzy logic and neural networks for drive system control,
- Multi-motor AC drives,
- Inverters control via computer networks,
- Use of microprogrammed controllers (PLCs) for industrial processes and drive control.

Institute of Automatic Control implemented many research projects financed by NCN, FNP, KBN and MNiSW.

The Institute of Automation has implemented many research projects, including those of the National Science Centre, the Foundation for Polish Science, the State Committee for Scientific Research and the Ministry of Science and Higher Education.



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The results of some research have been implemented in industry. Currently, more projects are being realized.

9. If documents are to be sent by post, please include the words 'Job Application' on the envelope.



**PERSONAL INFORMATION FORM
FOR APPLICANTS FOR EMPLOYMENT AT LODZ UNIVERSITY OF
TECHNOLOGY**

1. First name(s) and family name.....
 2. Date of birth.....
 3. Contact details.....
(provided by the applicant)
 4. Education (where required for specific duties or jobs)
(name of school and graduation date)
.....
.....
(occupation, specialization, degree, professional title, academic title)
 5. Professional qualifications (where required for specific duties or jobs).....
.....
.....
(courses, postgraduate education, other forms of further development of knowledge and skills)
 6. Employment history (where required for specific duties or jobs)
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(employment periods and jobs held at previous employers')
 7. Additional personal information, where the right or the duty to disclose it exists under specific regulations.....
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.....
.....
-
(place and date)
-
(signature of the applicant)



Data Privacy Statement for job candidates

1. The administrator of your data processed as part of the recruitment process is Lodz University of Technology (address: 90-924 Łódź, 116 Żeromskiego St., phone: +48 42 631 29 29), represented by the Rector as the employer.
 2. At the Lodz University of Technology you can contact the Data Protection Officer at: iod@adm.p.lodz.pl phone: +48 42 631 20 39.
 3. Lodz University of Technology will process your personal data to the extent indicated in the labor legislation for the purpose of the current recruitment procedure (Article 6(1)(b) of the GDPR), while other data, including contact data, on the basis of consent (Article 6(1)(a) of the GDPR), which may be revoked at any time.
 4. Lodz University of Technology will process your personal data, also in subsequent recruitment of employees, if you give your consent (Article 6(1)(a) GDPR), which may be revoked at any time.
 5. If the documents include data referred to in Article 9(1) of the GDPR, your consent to their processing will be required (Article 9(2)(a) of the GDPR), which may be revoked at any time. (Article 22 of the Labor Code and §1 of the Regulation of the Minister of Family, Labor and Social Policy of December 10, 2018 on employee records).
 6. Personal data will be disclosed to persons acting under the authority of the controller and having access to personal data, processing them only on the instructions of the controller, unless required by European Union or Member State law.
 7. Your data collected in the current recruitment process will be stored until the end of the recruitment process. In the case of your consent to the use of personal data for future recruitment, your data will be used until the end of the calendar year in which the recruitment process for which your application was submitted ended.
 8. You have the right to:
 - a) the right to access your data and to receive a copy of it;
 - b) the right to rectify (correct) your personal data;
 - c) the right to restrict the processing of your personal data;
 - d) the right to delete your personal data;
 - e) the right to lodge a complaint with the President of the Personal Data Protection Office (to the address of the Personal Data Protection Office: 2 Stawki St., 00 - 193 Warsaw)
- Information on data requirement: Your submitting personal data to the extent of Article 221 of the Labor Code is necessary to participate in the recruitment procedure. Your provision of other data is voluntary.

.....
(date and signature of the candidate)



Candidate's consent to personal data processing under Article 7 GDPR

I consent to the processing of my personal data for the purpose and to the extent necessary to carry out the recruitment for the job in accordance with 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), publ. Official Journal of the EU L No. 119, p. 1. Consent is voluntary. Failure to give consent entails the inability to participate in the recruitment process. Consent may be withdrawn at any time, but without affecting the legality of the processing of personal data carried out on the basis of consent before its withdrawal.

.....
(date and signature of applicant)

* delete as appropriate