



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 automatic control and robotics completed with at least a very good grade,
- experience in teaching at a higher education institution, particularly in the field of control theory,
- experience in control system design, including drive control systems,
- power electronics simulation skills,
- experience with MATLAB/Simulink and PowerSim,
- experience with MS Office,
- embedded systems programming skills,
- intermediate proficiency in C and C++ languages,
- fluent proficiency in English,
- Polish language proficiency, both oral and written, enabling the conduct of educational and organizational activities,
- ability to formulate hypothesis and plan research aimed to verifying them,
- very good analytical thinking skills,
- 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: *January, 2025*.



3. Description of the expected responsibilities and duties.

- conducting educational classes,
- conducting research in dynamical system control,
- 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 **January 9, 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 : **January 10, 2025**.

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

The Department of Electric Drive and Industrial Automation has been involved for many years in topics related to the control of electric machines.

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,
- Transmission control in telecommunication networks,
- Inverters control via computer networks,
- Use of microprogrammed controllers (PLCs) for industrial processes and drive control.

Many NCN, FNP, KBN and MNiSW projects have been realized in the Department. The results of some research have been implemented in industry. Currently, more projects are being realized.

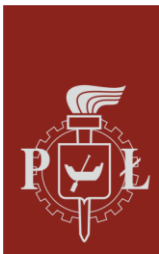


9. If documents are to be sent by post, please include the words 'Job Application' on the envelope.

Annex no. 1.1
to The OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT

**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)
.....
.....
(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.....
.....
.....
.....
- (place and date) (signature of the applicant)



Data Privacy Statement for job candidates

Pursuant to Article 13(1) and (2) of 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, Official Journal of the EU L 119/1), hereinafter referred to as "GDPR", we inform you as follows:

Lodz University of Technology with the registered office in Lodz is the Controller of your personal data;

2) We have appointed a Data Protection Officer to supervise the compliance of personal data processing, who can be contacted in matters concerning the protection of your personal data at the following e-mail address: iod@adm.p.lodz.pl; telephone number: 42 631 2039; or in writing to the address of our registered office: Lodz University of Technology, Żeromskiego 116, 90-924 Łódź;

3) As the controller, we will process your data for the purpose of the recruitment process for the position indicated, based on your consent (Article 6(1)(a) GDPR);

4) You have the right to withdraw your consent to the processing of your personal data at any time, but such withdrawal shall not affect the lawfulness of the processing effected on the basis of your consent prior to its withdrawal;

5) You have the right to lodge an objection against the processing of the data as set out above at any time. We will cease to process your data for these purposes unless we can demonstrate that there are compelling legitimate grounds for us to do so which override your interests, rights, and freedoms, or that your data will be required for the possible establishment, assertion, or defense of claims;

6) Your personal data provided in the CV, personal information form for the applicant for employment, and copies of documents supporting your professional experience, education, additional credentials and qualifications will be processed for the period in which claims related to the recruitment process may arise, i.e. for 6 months following the conclusion of the recruitment process. For individuals who have given their consent to the processing of personal data for the purposes of future recruitment, for a period of 12 months following the conclusion of the recruitment process during which the consent has been given;

7) Only individuals authorized by the Controller to process your data in the performance of their duties will have access to your data;

8) Your personal data will not undergo automated processing and will not be subject to profiling;

9) Under GDPR, you shall further have:

a) the right to access your data and to receive copies thereof,

b) the right to rectification (amendment) of your data,

c) the right to erasure/to be forgotten, restriction of data processing,

d) the right to data portability,

e) right to file a complaint to the supervisory authority - President of the Personal Data Protection Office, Stawki 2, 00-193 Warsaw.

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



**Consent of the candidate to the processing of personal data
(pursuant to Article 7 GDPR)**

I consent to the processing of my personal data by Lodz University of Technology, the Controller of the data included in the following documents that I have submitted:

.....
.....

for the purpose of recruitment/employment*.

I hereby declare that I have been informed of the right to withdraw my consent at any time, effective as of the date of submission of the withdrawal of consent.

The Controller (or an authorized representative) has also informed me that the withdrawal of consent does not affect the lawfulness of the processing performed on the basis of the said consent prior to its withdrawal.

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

* delete as appropriate.