



## ASSISTANT PROFESSOR (F/M) – RESEARCH AND TEACHING EMPLOYEES

### Division of Dynamics

### Faculty of Mechanical Engineering, Lodz University of Technology

Lodz University of Technology is one of the best technical universities in Poland. It has over 80 years of tradition and experience in educating staff and conducting scientific research. It is an attractive partner for business. It cooperates with the largest companies in the country and abroad. It conducts scientific research at a European level, creates new technologies and patents in cooperation with the best research centers all over the world. One of the pillars of managing the Lodz University of Technology is the equal treatment of employees regardless of their age, gender, race, or other demographic and social characteristics. In 2016, TUL was the first technical university in Poland to receive the HR EXCELLENCE IN RESEARCH logo, confirming that it applies the principles of the "European Charter for Researchers" and the "Code of Conduct for the Recruitment of Researchers".

#### 1. Requirements for the Candidate:

- **Degree:** Ph.D. degree in the field of engineering and technology or exact and natural sciences, in particular in the discipline of **mechanical engineering**;
- **Polish Language:** Fluent command of the Polish language in speech and writing, enabling the conducting of teaching classes and the performance of organizational and administrative duties;
- **English Language:** Fluent command of the English language in speech and writing, enabling scientific communication, preparation of publications, and public presentation of research results;
- **Scientific Experience:** Scientific experience documented by publications in English in the field of:
  - mechanical engineering,
  - mechanical engineering,
- **Research Experience:** Research experience covering, among others, such issues as:
  - application of analytical and numerical methods for solving differential equations,
  - mathematical modeling and identification of physical phenomena in areas such as: solid mechanics, dynamics of mechanical vibrations, mathematics,
  - numerical simulations of dynamic systems,
  - knowledge of experimental methods in testing real systems,
  - knowledge of data acquisition methods and their analysis.
- **Readiness to:**
  - design and instrumentation of original research test stands,
  - develop dedicated applications of synchronization problems of mechanical or electromechanical systems.
- **Scientific Interests:** consistent with the research profile of the Division of Dynamics at TUL

#### 2. Working Conditions:

- **Type of contract:** Fixed-term employment contract (full-time).
- **Planned starting date:** November 1, 2026.



# Politechnika Łódzka

*Note: Salary is determined on the basis of objective and gender-neutral criteria, in particular: the level of scientific achievements, experience, scope of duties, and commitment to research and teaching activities, in accordance with the remuneration regulations of the Lodz University of Technology.*

### 3. Description of the Expected Scope of Tasks and Duties:

Przewidywane zadania w ramach zakresu obowiązków, to m.in.: Expected tasks within the scope of duties include, among others:

- developing analytical and numerical methods for solving computational problems based on differential equations;
- mathematical modeling and identification of parameters of dynamic systems (for example – internally excited oscillators, simple externally forced systems);
- conducting numerical simulations and dynamic analysis in programming environments, optionally e.g., Python, Matlab (Scilab), C++;
- disseminating the results of one's research through regular publication in good scientific journals and conference presentations;
- readiness for self-improvement, building one's own image as a scientist-researcher, and obtaining further academic degrees;
- conducting teaching classes in Polish or English with students in the form of tutorials, laboratories, or projects within the scope of issues implemented in the Department;
- participation in organizational work for the Department, including its good recognition, in the preparation of applications, and participating in the implementation of scientific research projects;
- readiness to submit one's own research projects at the University and national level.

### 4. List of Required Documents:

- a. Application for employment addressed to the Rector of TUL.
- b. Cover letter addressed to the Head of the Department of Machine Dynamics at TUL.
- c. Curriculum vitae (CV) containing the following information:
  - contact details
  - information about the education path
  - description of the candidate's profile
  - acquired skills
  - scientific and teaching experience
  - scientific publications
  - awards and distinctions
  - training and certificates
  - personal interests
- d. Personal questionnaire (Appendix No. 1.1 to the OTM-R Policy),
- e. RODO information clause (Appendix No. 1.2 to the OTM-R Policy),
- f. Consent to the processing of personal data (Appendix No. 1.3 to the OTM-R Policy),
- g. Copies/certified copies of higher education diplomas and Ph.D. degree,
- h. Other documents confirming held qualifications.



# Politechnika Łódzka

*Documents prepared in a foreign language must be submitted together with a translation into Polish. The translation does not have to be a certified (sworn) translation.*

## 5. Place, Form, and Deadline for Submitting Documents:

**Method of submission:** Documents should be sent electronically (PDF, max. 10 MB) to the following address: [w1k13@adm.p.lodz.pl](mailto:w1k13@adm.p.lodz.pl)

Termin składania aplikacji: **15.07.2026**

W tytule wiadomości prosimy wpisać: „K13 – konkurs adiunkt K/M”

## 6. Contact Person Details:

Teodora Kopacka, Secretariat of the Division of Dynamics: [w1k13@adm.p.lodz.pl](mailto:w1k13@adm.p.lodz.pl)

## 7. Expected date of recruitment resolution: September 15, 2026.

**Selection process:** The competition procedure consists of multiple stages and includes the analysis of application documents and an interview. Selected candidates will be informed about the date of the interviews via email.

**Employment Note:** The resolution of the competition is not equivalent to establishing an employment relationship with the Lodz University of Technology. The final decision on employment will be made by the Rector based on the recommendation of the competition committee.

**Whistleblowing:** We have an internal procedure for reporting breaches of law and taking follow-up actions at the Lodz University of Technology.

## About the Department:

The Department of Machine Dynamics is a unit of the Faculty of Mechanical Engineering of the Lodz University of Technology, established by the Rector of the Lodz University of Technology at the request of the Faculty Council of Mechanical Engineering in 1998, and continues the traditions established by the Institute of Applied Mechanics.

Currently, the leading research direction in the Department is the modeling and applications of dynamic systems of various types, synchronization problems, and the practical use of the obtained results. We assume that the candidate will take special care of the continuity of research directions and the improvement of their own skills adapted to current research work, as well as suggesting their own ideas and implementing them based on applications for funding research projects.

Research requires cooperation with other centers to develop models that take into account dynamic interactions with other elements of the analyzed systems and a broad analysis of the observed behaviors. The development of modern computational techniques and their applications in various fields of science developed in the Department will be a key innovative factor determining the directions of its research in the coming years.

## 8. Additional information: *We have an internal procedure for reporting breaches of law and taking follow-up actions at the Lodz University of Technology.*



**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 .....

4. Education (where required for specific duties or jobs) .....

.....  
(name of school and graduation date)

.....  
(occupation, specialisation, 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

1. The administrator of your data processed as part of the recruitment process is Lodz University of Technology (address: 90-924 Lodz, 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](mailto: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.

**I would like to inform you that I have/I have not\* been presented with the salary range for the position mentioned in the advertisement.**

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

\* delete as appropriate