

**Assistant Professor (Adiunkt) in the group of research and teaching staff,
Institute of Turbomachinery**

The 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 largest national and international corporations. It conducts research of a European standard, develops new technologies and creates innovation in collaboration with the leading research centers all over the world. One of the pillars of the 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.

The Institute of Turbomachinery is a unit of the Faculty of Mechanical Engineering of the Lodz University of Technology, recognizable both in Poland and abroad. The organizational structure of the Institute includes 6 Scientific Divisions (with specialized laboratories) and a mechanical workshop. Both research projects and cooperation with domestic and foreign industry concern:

- computational and design works of turbomachines and their components,
- analysis and evaluation of possibilities to improve the currently achieved operating parameters of turbomachines and their operation systems,
- technical expertise to determine the causes of failures and methods of removing their effects
- operational tests of turbomachines in industrial installations,
- advice and consultation in planning energy generation investments, in supervising their implementation and during the operation of turbomachines,
- specialized courses and trainings for technical personnel.

The Institute of Turbomachinery can boast the implementation of innovative technologies, including the implementation of the design and optimization of aircraft propellers for the X3 multitask hybrid helicopter developed by AIRBUS HELICOPTERS and the gold medal for the invention "Wind turbine with vertical axis of rotation and variable geometry of blades" awarded at the 2nd World Exhibition Technology Expo. The employees of the Institute are the authors of numerous patented solutions. The Institute of Turbomachinery is also the organizer of the cyclical International SYMPOSIUM ON COMPRESSOR & TURBINE FLOW SYSTEMS - THEORY & APPLICATION AREAS - SYMKOM, attended by representatives of the world of science and industry.

1. Requirements for the candidate (description of detailed knowledge, qualifications, competences and professional experience)

- a doctoral degree in technical sciences in the discipline of mechanical engineering or related engineering,
- documented scientific achievements in the area of: investigations on turbomachinery and numerical modeling of flows and optimization of turbomachinery operation,
- documented teaching achievements at a university in technical studies, including conducting classes in, for example, fluid mechanics or cooperation in diploma theses, in Polish and English,
- participation in research projects, including experience in designing, planning and conducting experimental investigations,
- achievements in publishing, among others, 5 publications in a journal from the JCR list,

- an ability to use the software for numerical modelling of flows and its application for specific needs,
- proficiency in the use of high-order object-oriented programming languages,
- fluent knowledge of English confirmed by a certificate at the B2 level or a diploma of studies completed in English,
- documented scientific or industrial internships, scholarships (including foreign ones), awards and distinctions will be welcome.

2. *Determination of working conditions and rights related to the position.*

The job offer concerns the position of an assistant professor (adiunkt) in the group of research and teaching staff at the Institute of Turbomachinery at the Faculty of Mechanical Engineering, Lodz University of Technology. We are planning full-time employment for a specified period. The employment is planned to start in October 2022.

The Lodz University of Technology is expected to be his / her only place of employment at the time of employing the Candidate.

We offer:

- a possibility of raising qualifications and training as well as development of a scientific career,
- a possibility to participate in interesting teaching and research projects and to work for the socio-economic environment,
- trips abroad within European programs, e.g., Erasmus + or to international conferences,
- favorable social conditions,
- location in the city center with easy access and an available parking site,
- work in a relaxed atmosphere.

3. *Description of the anticipated scope of tasks and responsibilities.*

A person employed as an assistant professor (adiunkt) in the group of research and teaching staff will be required to:

- plan and conduct/co-conduct scientific work including experimental and numerical investigations of fluid flows in flow installations and turbomachines, the results of which will be published in journals from the Philadelphia list,
- prepare project applications and acquire research projects financed from domestic and foreign funds,
- conduct didactic classes for the first and second cycle studies in Polish and English,
- prepare scientific publications,
- perform organizational work related to the Institute day-to-day operations.

For the implementation of the above-mentioned scope of duties it is necessary to show:

- motivation and very good organization of work,
- independence in action with simultaneous readiness to teamwork,
- an ability to transfer knowledge and build relationships with students in the didactic process,
- an ability to present results and conduct ongoing reporting from the work carried out,
- openness to new challenges and changes,
- high personal culture and interpersonal skills,
- accuracy in performing assigned tasks and an ability to adapt to procedures.

4.. *List of required documents:*

- 1) A letter of application addressed to the Rector of TUL;
- 2) Personal questionnaire for a person applying for employment at the Lodz University of Technology, constituting Appendix 1.1 to the "OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT";
- 3) The clause on the protection of personal data, constituting Appendix No. 1.2 to the "OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT";
- 4) Consent to the processing of personal data, constituting Annex 1.3 to the "OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT"
- 5) copies of diplomas;
- 6) other documents confirming the qualifications held.

5. *Place, form and deadline for submitting documents (with an indication of the possibility of their receipt).*

Application documents will be accepted until September 19, 2022 at the Secretary Office of the Institute of Turbomachinery, 217/221 Wólczańska Street, 93-005 Łódź, Poland, (building no. B-13, 2nd floor, room no. 208) and at the e-mail address: w1i12@adm.p.lodz.pl

In the case of sending documents by traditional mail, the envelope should bear the annotation "job candidate's offer" and be sent to the correspondence address: Lodz University of Technology, Institute of Turbomachinery, 116 Żeromskiego Street, 90-924 Łódź, Poland

6. *Contact person details as well as postal and electronic address to which documents and their scans can be sent*

In matters related to the competition, please contact the Secretary Office of the Institute of Turbomachinery, phone: 42 631 23 64, e-mail: w1i12@adm.p.lodz.pl

7. *Estimated date of the contest adjudication*

September 2022.

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)
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(name of school and graduation date)
.....
.....
(occupation, specialisation, degree, professional title, academic title)
5. Professional qualifications (where required for specific duties or jobs)
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.....
(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

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:

- 1) 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: rbi@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 authorised 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