Politechnika Łódzka

Annex no. 1
to The OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT

Assistant Professor (f/m) in the Research Staff Group at Department of Molecular Physics, Faculty of Chemistry, Technical University of Lodz

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 80 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 for the candidate:
   - Ph.D. degree in natural sciences in the discipline of chemistry, physics, materials engineering, or a related field; The person hired for this position must hold a doctoral degree obtained no earlier than 12 years prior to the year of employment in the project. This period does not include breaks related to maternity leave, additional maternity leave, leave on the terms of maternity leave, additional leave under the terms of maternity leave, paternity leave, parental leave, or childcare leave, granted in accordance with the provisions of the Labor Code, or the receipt of sick pay or rehabilitation benefits due to incapacity for work, including that caused by an illness requiring medical rehabilitation. For women, the specified 12-year period may be extended by 18 months for each child born or adopted. A woman may choose the more favorable method of calculating breaks in her academic career;
   - documented experience in working with organic and/or hybrid semiconductor materials;
   - experience in fabrication of thin films using solution-processing techniques (e.g., spin-coating, ink-jet printing) and/or high-vacuum methods (thermal evaporation);
   - experience in construction and characterization of organic electronic devices (OLED, OPV, OFET or similar);
   - knowledge of charge transport phenomena in organic materials;
   - experience in electrical characterization of devices (I–V measurements, impedance spectroscopy, power analysis, stability testing);
   - experience in lifetime analysis and degradation studies of materials and devices;
   - fluency in written and spoken English;
   - proven scientific track record confirmed by publications in JCR-indexed journals;
   - ability to work effectively in a team as well as independently conduct research.

   Desired additional skills:
   - experience in thermoelectric materials research (Seebeck coefficient, ZT, thermal conductivity);
   - knowledge of Seebeck and Peltier effects;
   - experience in integration of multilayer device architectures (stacked structures);
   - experience working with gloveboxes and vacuum deposition systems;
   - experience in thin-film morphology analysis (AFM, SEM, TEM);
   - experience with electrochemical techniques (CV, EIS);
   - ability to optimize technological processes and deposition parameters;
   - experience in research project implementation (e.g., NCN, Horizon Europe, Ministry of Science and Higher Education, NCBiR, etc.).

2. Working conditions:
   - Monthly gross salary ~ 8.000,00 ÷ 8.400,00 PLN
   - Employment type: full-time;

Politechnika Łódzka
90-924 Łódź, ul. Żeromskiego 116
tel. 42 636 55 22, fax: 42 636 56 15, www.p.lodz.pl

ECIU university

HR EXCELLENCE IN RESEARCH

- Start date: 1st of March 2027
- fixed-term contract until: 12th of January 2029.

3. Description of the expected scope of tasks and responsibilities:
   - Conducting scientific research under the supervision of Prof. Przemysław Data within the research project funded by the National Science Centre (NCN) entitled *"Thermoelectric properties of Organic solids as a Way to improve organic Electronic Devices"* (UMO-2025/57/B/ST5/04893).
   - Serving as an assistant supervisor for a PhD student employed within the TOWED project.
   - Active participation in organizational activities related to the implementation of the TOWED project.
   - Active involvement in the construction, organization, and maintenance of laboratory facilities required for the implementation of the TOWED project, ensuring their proper technical condition.
   - Organizational duties for the Department of Molecular Physics, the Faculty of Chemistry, and Lodz University of Technology related to the implementation of the TOWED project (e.g., activities associated with laboratory renovations, relocation to new premises, equipment failures, etc.).

4. List of required documents:
   - A CV (maximum 3 pages) including a description of scientific achievements: list of publications and major conference presentations, description of experience in research grant implementation and grant acquisition activities, and a list of other key achievements;
   - A cover letter addressing the offered position;
   - Two letters of recommendation from previous employers or academic supervisors;
   - Copies of diplomas and, if applicable, certified English translations of the diplomas;
   - Application for employment to the JM Rector of Lodz University of Technology;
   - Personal questionnaire for a person applying for employment at the Lodz University of Technology, as provided in Appendix No. 1.1 to the " OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT ";
   - Data Privacy Statement as provided in Appendix No. 1.2 to the "OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT";
   - Consent to processing of personal data, as provided in Annex No. 1.3 to the " OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT ";
   - Other documents proving qualifications.

5. Applications will be accepted until 21.12.2026 at the Secretariat of the Department of Molecular Physics, Lodz University of Technology, 114 Żeromskiego Street, 90-543 Łódź, (building A34) or by e-mail: w3k31@adm.p.lodz.pl (in the title of the e-mail necessarily write: "competition - **research assistant professor** K31-OPUS 29").

6. The competition organizer reserves the right to cancel the competition without giving any reasons. The results of the competition are not tantamount to the establishment of the employment relationship with Lodz University of Technology. The final decision on employment will be made by the Rector based on the recommendation of the competition committee. Candidates will be allowed to collect their documents related to the competition for 30 days after the competition ends.

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

7. Expected date of the annoucement of the decision: 20.01.2027.

8. Department of Molecular Physics (KFM) is a part of the Faculty of Chemistry of the Lodz University of Technology. It is an interdisciplinary unit, conducting research at the intersection of chemistry, physics, material engineering, including nanotechnology. Currently, the Department's topics include the physics of organic solids, physics and physical chemistry of polymers, including:

- electrical and optical properties, conductivity and photoconductivity of polymers;
- electroluminescence and luminescence of organic materials;
- molecular spectroscopy of polymers;
- stimuli-sensitive polymer hydrogels;
- organic semiconductors and conductors, molecular crystals;
- physical methods of polymer modification, new methods of composites manufacturing;
- thin film deposition technologies;
- modeling of macromolecular dynamics.

Politechnika Łódzka

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 .....
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)

Politechnika Łódzka
90-924 Łódź, ul. Żeromskiego 116
tel. 42 636 55 22, fax: 42 636 56 15, www.p.lodz.pl

ECIU university

HR EXCELLENCE IN RESEARCH

Politechnika Łódzka

Annex no. 1.2
to The OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT

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 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)

Annex no. 1.3
to The OTM-R POLICY – OPEN TRANSPARENT MERIT-BASED RECRUITMENT

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 been/I haven't been* presented with the salary range for the position mentioned in the advertisement.

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

* delete as appropriate