

Lodz University of Technology



International Centre for Research on Innovative Biobased Materials -
International Research Agenda

ICRI-BioM

Post Doctoral Researcher in Bio-inspired Optoelectronics (Nanostructures and Interfaces Group), International Centre for Research on Innovative Biobased Materials - International Research Agenda

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:

The candidates should have completed their PhD (materials science, physics, chemistry, or related) degree not longer than 5 years prior. Expected skills include:

- Strong research background in one of the domains: materials science/materials chemistry, organic optoelectronics and/or optical spectroscopy,





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- Expertise with the experimental techniques, e.g. spectroscopic methods (UV-Vis absorption and photoluminescence, IR, Raman) and structural/morphological investigation methods (SEM, TEM, AFM and other scanning probe methods),
- Experience in organic (opto)electronics, namely in fabrication and testing of thin-film devices (e.g. organic field-effect transistors, organic light-emitting diodes, organic photodetectors, etc.). Experience in electrical measurements and data analysis,
- Knowledge in chiroptical spectroscopy (electronic circular dichroism) or advanced thin-film deposition (e.g. inkjet printing and meniscus-guided deposition methods) is an additional asset.

2. The terms and conditions of employment:

- Gross monthly salary in the range 7500-9500 PLN (plus 13th salary) based on the qualifications,
- Full-time position,
- Starting date from September 2022,
- Contract until the end of 2023 (with conditional renewal),
- Full public health insurance and great research environment at the Lodz University of Technology.

3. Description of the expected responsibilities and duties:

This post-doctoral position will involve a research project on the development of bioinspired organic materials emitting in near infra-red (NIR) range.





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4. List of the required documents:

- Application for employment to the Rector of Lodz University of Technology;
- [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](#);
- [Data Privacy Statement as provided in Annex no. 1.2 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT](#);
- [Consent to the processing of personal data, as provided in Annex no. 1.3 to the OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT](#);
- Copies of diplomas;
- Cover letter;
- CV (up to 3 pages) which should include: the list of publications and main conference presentations, the list of research projects in which the candidate was involved, potential experience in grant proposal preparation and experience in academia-industry collaboration, contact data to two referees and other key achievements;
- Research statement (up to 2 pages).

5. Interested candidates are requested to e-mail the required documents.

The e-mail should have a subject line – “POST DOCTORAL RESEARCHER in Bio-inspired Optoelectronics” by August 19th, 2022.





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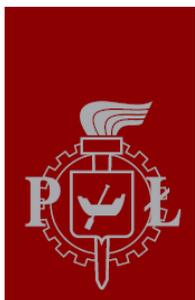
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6. Documents should be send to Dr. Piotr Ślęczkowski, Junior Principal Investigator at ICRI-BioM to the email address: piotr.sleczkowski@p.lodz.pl.
7. The expected date of the announcement of the decision: 31st August, 2022.
8. ICRI-BioM is an International Research Agenda, established within Lodz University of Technology under the Foundation for Polish Science MAB PLUS Program in collaboration with the Max Planck Institute for Polymer Research in Mainz. It aims at the creation of an excellent scientific unit that focuses on combining the polymer chemistry with molecular biosystems engineering experimentally and with the aid of computational sciences. It is expected that the collaboration and synergy between these groups, local scientific environment, and international cooperation will lead to breakthrough research in basic and applied sciences.
9. If documents are sent by post, please include the notification 'Job Application' on the envelope.



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Annex no. 1.1

**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, 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')



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7. Additional personal information, where the right or the duty to disclose it exists under specific regulations.....
.....
.....

.....
(place and date)

.....
(signature of the applicant)

Annex no. 1.2

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;





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- 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,





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- 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)

Annex no. 1.3

**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





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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)



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