

Assistant professor, Institute of Applied Radiation Chemistry

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).
 - PhD degree in chemical sciences
 - experience in conducting scientific research in the field of dosimetry of small and large doses of radiation, experience in conducting scientific research with the use of radiochemical methods, using radiometric methods and techniques and techniques, termoluminescent methods documented by scientific publications,
 - experience in the application of research methods used in chemistry, chemical technology, material engineering, in particular experience in the synthesis and testing of mineral glasses and polymer-mineral composites
 - knowledge of issues in the field of nuclear energy, nuclear safety, radioactive waste management
 - completed internship / training abroad in the above-mentioned thematic scope
 - experience in developing new technological solutions
 - Polish/English, fluent in speech and writing, allowing for teaching
 - a PhD degree in the discipline of science, in the field of chemical sciences,
 - significant scientific achievements in the field of chemical sciences, especially in the field of radiochemistry, nuclear techniques, radiological protection, radiation spectrometry and dosimetry.
 - experience in participating in the implementation of research and development projects and research work
 - at least 5 years of teaching experience at a university, especially in the field of nuclear chemistry,
2. Specification of the terms and conditions of employment and authority associated with the position:
 - full time job,
 - start date: February 1, 2023,

Advantages:

- opportunity for the development of a scientific career,
 - trips abroad related to conducting research in European research centres,
 - participation in national and international conferences,
 - scientific publications in a high impact factor journals.
3. Description of the expected responsibilities and duties.
 - conducting and documenting research activities, writing scientific articles and research grants,
 - conducting didactic classes - laboratories and lectures,

- participation in organizational work for the University and the unit.

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 sent by e-mail to the secretariat of the Institute of Applied Radiation Chemistry w3i34@adm.p.lodz.pl or by traditional mail to the following address:

*Institute of Applied Radiation Chemistry,
ul. Wróblewskiego 15
93-590 Łódź*

by January 18, 2023. The date of receipt of the documents by the Institute of Applied Radiation Chemistry is significant. Candidates will be able to collect the documents related to the competition submitted by them for a period of 30 days from the date of the end of the competition.

6. contact person and postal and e-mail addresses to which documents or scans thereof may be forwarded: w3i34@adm.p.lodz.pl
7. the expected date of the announcement of the decision: January 19, 2023

Furthermore, as regards academic staff:

8. Created in 1966 by Professor Jerzy Kroh as a teaching-research unit belonging to the Faculty of Chemistry of Lodz University of Technology, the Institute of Applied Radiation Chemistry (IARC) provides an education to students as well as other members of academic community and participates in research and science development.

In order to fulfill the role of the Institute in education its faculty members deliver lectures, tutorials, and laboratory classes for the following courses: physical chemistry, radiochemistry, photochemistry, spectroscopy, information technology, computer science, molecular modeling, polymer science, biophysics, biochemistry, and nanotechnology.

The institute is located at two sites. The main building (address: Wróblewskiego 15) hosts the administration offices and the following research laboratories: the pulse radiolysis lab, ⁶⁰Co sources, Raman spectroscopy, Raman imaging, femtosecond laser laboratory, laser, and EPR spectroscopy labs, sonochemistry lab, computer center, and others. Photo- and radiochemical, the mass spectroscopy lab, biomedical chemistry, isotope effects, and molecular modeling laboratories are located in the building of the Faculty of Chemistry (address: Zeromskiego 116).

The IARC collaborates widely with many national and foreign scientific institutions as well as with industrial laboratories utilizing radiation technique. This collaboration comprises joint research projects, scientific publications, and exchange of researchers. In particular, the collaboration with the International Atomic Energy Agency (IAEA) in Vienna results in numerous benefits in a form

of technical missions and trainings delivered by the IARC employees. The Institute also frequently hosts foreign researchers and students as recommended by the IAEA.

The IARC staff co-edits international journals devoted to radiation, spectroscopy, and laser science aspects. The Institute also co-organizes numerous scientific conferences among which the PULS conference (Pulse Investigation in Chemistry, Biology and Physics), Marie Curie Excellence, and the Isotopes series are worldwide known events.

The IARC actively participates in many research projects focused on both fundamental and applied research funded by the Polish Ministry of Science and Higher Education, the National Centre for Research and Development, the National Science Centre, the International Atomic Energy Agency, the North Atlantic Treaty Organization and the European Union within framework programs as well as within National Cohesion Strategy programs such as human capital or innovative economy. The research in the Institute is interdisciplinary and wide-ranging. Overarching goals of ongoing research projects include improving human health and diagnostic tools, monitoring the processes occurring in the environment, developing nanotechnology and novel advanced biomaterials for a myriad of applications, and unraveling problems associated with different sources of energy.

The Institute houses the Board of the Lodz Branch of the Maria Sklodowska-Curie Polish Radiation Research Society.

The most important achievements include: 20 published textbooks and monographs, more than 1000 articles in scientific journals, more than 50 national and international patents, several technologies already applied or being applied in industry.

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

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:

- 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