



Lodz University of Technology
Faculty of Material Technologies and Textile Design



ANNOUNCEMENT OF A COMPETITION FOR THE POSITION OF ASSISTANT PROFESSOR IN THE RESEARCH STAFF GROUP UNDER THE OPUS-ST PROJECT (POST-DOC)

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 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 centers 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.

Name of the Unit: Faculty of Material Technologies and Textile Design

Project Title: Sustainable design of hybrid (textile-materials) active conductive structures in frequency-selective surface systems (FSS) with dominant incident wave absorption coefficient or reflected beam directing capabilities of electromagnetic radiation (PEM).

Project Description:

The aim of the project is to develop innovative, sustainable hybrid materials to be used in frequency-selective surface systems. These structures will be characterized by either a high absorption coefficient of the incident wave or the ability to steer the beam of reflected electromagnetic waves (EMW).

Number of Positions Available: 1

Candidate Requirements:

- A PhD degree in technical sciences with a specialization in materials engineering or a related field, obtained outside Lodz University of Technology and awarded no earlier than 3 years before the planned employment year in the project
- Documented scientific achievements confirmed by publications in international journals (including at least two as the first author) and presentations at conferences (minimum of 2 international conferences)
- At least one publication in an international scientific journal ranked with a minimum of 140 points on the Polish Ministry of Education and Science journal list
- Fluent command of English enabling effective communication in an international research team and the independent preparation of scientific reports and publications
- Advanced knowledge in the design, technology, and properties of textile/composite materials

Faculty of Material Technologies and Textile Design
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e-mail: w4w4d@adm.p.lodz.pl, www.p.lodz.pl
Correspondence address:
90-924 Lodz, Poland, 116 Zeromskiego Street
116 Zeromskiego Street, 90-924 Lodz, Poland



- Familiarity with the mechanical characterization and testing methods of textile/composite materials
- Practical laboratory experience in strength testing of materials in accordance with ASTM or ISO standards
- Advanced knowledge in the field of electromagnetic properties of materials (testing methods, measurement procedures, data interpretation, etc.)
- Ability to work both independently and as part of a team, with a strong capacity for solving scientific problems independently
- Additional assets:
 - Knowledge of textile and/or composite product manufacturing methods
 - Basic knowledge of electromagnetic simulation techniques and programming in MATLAB

Working Conditions:

- Full-time employment contract for a fixed term (24 months)
- Full-time position

Responsibilities:

- Participation in research activities related to the project
- Preparation of reports and presentations of research results
- Collaboration with the project team and external partners
- Participation in conferences and publication of research results in international journals

We Offer:

- Opportunity to work in a dynamic and interdisciplinary research team
- Access to modern laboratories and research tools
- Opportunities to participate in prestigious conferences and publish in international scientific journals

Required Documents:

- CV;
- Cover letter;
- Attachments 1.1, 1.2, 1.3:
 - Personal information form for applicants for employment at Lodz University of Technology;
 - Data Privacy Statement for job candidates;
 - Candidate's consent to personal data processing under Article 7 GDPR.
- Copy of diploma confirming degree completion
- References from the employer

Additional Information:

- **NCN competition type:** OPUS – ST
- **Application deadline:** August 11, 2025, 11:59 PM
- **Application submission method:** email to marcin.barburski@p.lodz.pl
- **Planned start date:** October 2025
- **Contact person:** Marcin Barburski
- **Email:** marcin.barburski@p.lodz.pl
- **Phone number:** +48 42 631 33 99

Candidates selected for an interview will be notified individually.

PERSONAL INFORMATION FORM FOR APPLICANTS FOR EMPLOYMENT AT ŁÓDŹ 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
.....
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.....

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(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 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.

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

* delete as appropriate

