

**Faculty of Fundamental Problems of Technology,
Wrocław University of Science and Technology**
announces a competition for a position of
adiunkt (research, full time)
at the **Department of Semiconductor Materials Engineering**

Reference no: K66W11D11/5/2024

Field: engineering and technical sciences

Discipline: materials engineering

Specialty: semiconductor materials engineering

Type of contract: contract of employment

Position profile: R3

Job description:

The expectation is that the candidate will conduct scientific research and publish its results, demonstrate activity in acquiring grants, and also engage in organizational work within the Department of Semiconductor Materials Engineering and the Faculty. The scientific scope includes issues related to semiconductor materials engineering, in line with the scientific profile of the Department of Semiconductor Materials Engineering at the Faculty of Fundamental Problems of Technology. This specifically involves photocatalytic processes with semiconductors and the characterization of semiconductor materials such as van der Waals crystals and hybrid structures formed based on these crystals.

Tasks:

- Conducting and directing scientific research in accordance with the research profile specified in the job description,
- Collaboration with external institutions, including foreign entities, in the scope of ongoing scientific and research work,
- Continuous professional development,
- Preparation of grant applications,
- Performing tasks assigned by superiors for the Department, Faculty, and University related to research and organizational activities.

Requirements:

- PhD degree in physical sciences.
- Scientific achievements constituting a significant contribution to the development of physics and physicochemistry of layered crystals, including a thematically coherent series of publications in peer-reviewed scientific journals,
- Documented scientific mobility and research experience in international scientific institutions,
- Good knowledge of spoken and written English.

Required documents (electronic version):

1. Application for entering the competition addressed to the Rector, containing the candidate's e-mail address and the competition reference number,
<https://wppt.pwr.edu.pl/pracownicy/konkursy>
2. Questionnaire for the person applying for employment,
<https://wppt.pwr.edu.pl/pracownicy/konkursy>
3. A copy of the document confirming obtaining the degree;
4. Self-report including information about achievements in research activities, teaching experience and organizational activities:

- education, previous employment, scientific degrees and professional titles obtained,
 - a concise description of the most significant scientific achievements, taking into account the competition requirements,
 - list of publications from the last five years, with the scores of the Ministry of Science and Higher Education (according to the list as of February 9, 2021, <https://wykazy.net.pl/search.php>), with a detailed specification of the publication cycle indicated in the competition requirements,
 - total number of citations excluding self-citations and the Hirsch index (according to Web of Science or SCOPUS),
 - list of realized research grants with an indication of the candidate's role,
 - list of scholarships and awards granted via an open competition,
 - experience in scientific supervision,
 - information on academic and professional internships of at least 1 month,
 - information on teaching achievements and competences,
 - information on further scientific plans in the context of the activities of the Department of Experimental Physics of the Faculty of Fundamental Problems of Technology, Wrocław University of Science and Technology.
5. Statement on having read the information regarding the processing of personal data, <https://wppt.pwr.edu.pl/pracownicy/konkursy>,
 6. Statement on meeting the requirements set out in Art. 113 of the Act of July 20, 2018. Law on Higher Education and Science, <https://wppt.pwr.edu.pl/pracownicy/konkursy>,
 7. Declaration of the Candidate that in the case of winning the competition, Wrocław University of Science and Technology will be the primary place of work, <https://wppt.pwr.edu.pl/pracownicy/konkursy>.

We offer:

- Employment at a prestigious University.
- Working in a world-class scientific environment and laboratory complex.
- Opportunities to implement research plans, support in obtaining research grants, facilitation of scientific internships.
- Opportunities to improve the professional competences.
- Support for further professional advancement, including obtaining scientific degrees and titles.
- Attractive incentive programs, including financial bonuses for scientific efficiency, significant teaching discounts for scientists carrying out research projects.
- Social support; availability of attractive medical care packages dedicated to Wrocław University of Science and Technology employees.

Dates:

Deadline for submitting applications: 3 March 2024, 24:00

Approximate date of decision: 8 March 2024.

Planned date of employment: 1 April 2024.

Salary:

The salary consists of the basic salary, a seniority bonus of 1% for each year of service, and 4% for completing doctoral studies. Additional bonuses are provided for scientific and research work efficiency, an extra annual bonus equivalent to one month's salary, and potential supplements for organizational involvement.

We offer a basic salary of no less than 6500 PLN.

Additional information:

The competition is open to candidates who meet the conditions set forth in the Act of 20 July 2018 - Law on Higher Education and Science (Journal of Laws 2022, item 574, as amended), in the Statute of Wrocław University of Science and Technology and in the Code of Ethics Employees of the Wrocław University of Science and Technology.

Submission of documents only by email to: wppt.konkursy@pwr.edu.pl.

All correspondence related to the competition will be sent electronically to the e-mail address provided in the application.

Templates of documents/statements to be submitted along with the application can be found at: <https://wppt.pwr.edu.pl/pracownicy/konkursy>

In the title of the message, please indicate the reference number of the competition. Applications without indicating a specific reference number and those sent after the deadline for submission of offers will not be considered.

For any information about the competition please contact the HR assistant at: wppt.konkursy@pwr.edu.pl.

Applications of candidates will be considered by the competition committee.

Stage I. Evaluation of candidates on the base of submitted documentation in the categories:

- scientific activities and achievements, implemented projects, awards, scientific mobility (weight 70%),
- organizational activities (weight 30%).

Stage II. An interview including the presentation of previous scientific activity and planned scientific research. Only short-listed candidates are invited to the interview.

The final grade in each category is determined by the committee taking into account the interview process.

The University stipulates that the competition may be unresolved without giving reasons.

Recruitments and competitions conducted by Wrocław University of Science and Technology are open, carried out in accordance with clear and transparent rules based on clear and unambiguous criteria of substantive evaluation, taking into account a diverse professional career. Wrocław University of Science and Technology conducts recruitment procedures in accordance with the guidelines of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers and the Open, Transparent and Merit-based Recruitment Policy (OTM-R) at Wrocław University of Science and Technology.

Recruitments and competitions conducted by Wrocław University of Technology and Science are conducted taking into account the policy of equal opportunities in accordance with the “Equality plan for Wrocław University of Science and Technology for the period 2022–2024”

<https://rowna.pwr.edu.pl/en/>