

**Faculty of Fundamental Problems of Technology,
Wrocław University of Science and Technology**
announces a competition for a position of
Associate professor (research and teaching, full-time)
at the Department of Experimental Physics

Reference no: K63W11D11/36/2023

Field: exact and natural sciences

Discipline: physical sciences

Specialty: Physics of nanostructures

Type of contract: contract of employment

Position profile: R3

Job description:

The candidate is expected to conduct scientific research and publish the results, supervise young scientist and PhD candidates, apply for research grants, engage in teaching activities, participate in the organizational work of the Department, the Faculty and the University.

Scientific topics include solid state experimental physics in accordance with the scientific profile of the Department of Experimental Physics, in particular semiconductor physics, physics of nanostructures, transport phenomena in nanostructures.

Tasks:

- organizing, leading and conducting research activities in accordance with the research profile specified in the job description,
- supervising young scientists and PhD students,
- teaching and preparing courses in the fields of general physics, solid state physics, physics of semiconductors and nanostructures, experimental methods of a solid state physics, at first and second degrees of studies,
- scientific cooperation with external, and in particular international, institutions,
- improving the professional qualifications,
- applying for research grants,
- participation in organizational works of the Department, Faculty and University, related to the research and teaching activities.

Requirements:

- PhD degree in physics,
- scientific achievements constituting a significant contribution to the development of the scientific discipline, confirmed by articles published in peer-reviewed international scientific journals within the last five years (related to physics of semiconductors and nanostructures, and in particular experimental studies of charge and spin transport phenomena in semiconductor low-dimensional structures) as well as confirmed by the granted research projects,
- experience in scientific supervision,
- teaching competences in the fields of general physics, physics of semiconductors and nanostructures, transport phenomena and experimental methods of solid state physics,
- good knowledge of Polish and English in speaking and writing.

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 academic degree.
4. Self-report including all important information about research achievements, experience and achievements in teaching and organizational activities:
 - education, previous employment, scientific degrees and professional titles obtained,
 - brief description of the most important scientific achievements,
 - list of publications from the last five years, with the scores of the Ministry of Science and Higher Education (according to <https://wykazy.net.pl/search.php>),
 - total number of citations excluding self-citations and the Hirsch index (according to Web of Science or SCOPUS),
 - list of realized research projects with an indication of the candidate's role,
 - list of scholarships and awards granted in a competition,
 - experience in scientific supervision,
 - information on scientific mobility, including academic and professional internships of at least 1 month,
 - information on achievements and teaching competences,
 - information on previous experience in teaching/research organization,
 - 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,
- support for further professional advancement, including obtaining scientific degrees and titles,
- opportunities to improve the professional competences,
- opportunities to implement research plans, support in applying for research grants, facilitation of scientific internships,
- attractive incentive programs, including financial bonuses for scientific efficiency, significant teaching discounts for scientists carrying out research projects,
- social support and availability of attractive medical care packages dedicated to Wrocław University of Science and Technology employees.

Dates:

Deadline for submitting offers: 14 November 2023, 24:00.

Approximate date of competition settlement: 29 November 2023.

Planned date of employment: 1 January 2024.

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, including mobility, scientific supervision and realized research projects (weight 60%),
- teaching competences and achievements (weight 30%),
- organizational activities and achievements (weight 10%).

Stage II. An interview including the presentation of previous scientific activity and planned scientific research. Based on the outcome of the first stage evaluation, 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/>