

FORM FOR EMPLOYERS

INSTITUTION Łukasiewicz Research Network – PORT Polish Center for Technology Development

CITY Wrocław

POSITION Postdoc (Chief Specialist – Senior Research Engineer) in Functional Macromolecules and Porous Materials Research Group

POSTED 20.10.2026

EXPIRES 15.11.2026

WEBSITE <https://port.lukasiewicz.gov.pl/kariera/oferty-pracy/>

Requirements:

- a highly skilled researcher with internationally recognized PhD degree in Chemistry, material science or equivalent area;
- demonstrated expertise in the design, synthesis, and characterization of metal-organic frameworks (MOFs);
- proven hands-on experience in heterogeneous catalysis and/or photocatalysis;
- 2 years of experience in the research and development (R&D) sector or equivalent;
- good command of English, at least at the B2 or equivalent;
- ability to work both independently and collaboratively in an international research environment.

Nice to have:

- Good knowledge in lanthanide-based material;
- Have hand-on skills in organic linker design and synthesis.

Specific requirements:

A person may be employed in a postdoctoral (post-doc) position if they obtained their doctoral degree no more than 12 years before the year of employment in the project (this period may be extended in certain cases) and meets the formal requirements of the National Science Centre (NCN) set out in the Regulations on the Award of Funding for Research Tasks Financed by the National Science Centre under the research project call.

For more information regarding the post-doc role's requirements in call OPUS 30 LAP check here:

https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2025/uchwala72_2025-zal1-2.pdf

Job description

Project starting date: 4th January 2027

Project duration: 24 months fixed term

The position is for a highly motivated Postdoctoral Researcher focused on the design, synthesis, and optimization of lanthanide-doped metal-organic frameworks (MOFs) for photocatalytic hydrogen generation from water.

The successful candidate will work within an international collaborative environment and closely interact with a high-throughput automated laboratory at the University of Zurich, to accelerate the development of targeted photocatalysts.

Daily tasks:

- Support laboratory and equipment maintenance.
- Analyze experimental data and prepare scientific reports and project deliverables.
- Coordinate closely with research partners to achieve project goal within the timeframe.
- Participation in international collaboration and results dissemination in national/international conferences.
- Publishing research results in high quality scientific journals.

Our offer:

- Full-time contract of employment on the post-doc position (Chief Specialist – Senior Research Engineer);
- Co-financing for private medical care.
- Co-financing for a sports card.
- Possibility to join group life insurance.
- Co-financing under the Social Benefits Fund (for holidays and Christmas).

Please apply via the link:

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=8095ef30568b4364b7770673008b2c69>

We kindly inform you that the controller of your personal data is Network Institute operating under the name of Łukasiewicz Research Network – PORT Polish Center for Technology Development, Stabłowicka 147, 54-066 Wrocław, Poland. The data contained in job application will be processed for the purposes of the current recruitment process, and – if the consent is given – for the purposes of future recruitment. We kindly inform you about your right to access your data and correct it, as well as your right to withdraw your consent to data processing at any time without the impact on the compliance with the law of the processing performed on the grounds of consent given before withdrawal thereof. Providing personal information is voluntary.

More information on the protection of personal data: <https://port.lukasiewicz.gov.pl/en/data-protection/>

Information about candidates applying for the above role is public information in the scope covered by the requirements specified in the recruitment announcement. Information on the result of the recruitment process, including the job position for which the recruitment was carried out, the name or names and surname of the selected candidate and his place of residence within the meaning of the provisions of the Act of 23 April 1964 – Civil Code as well as the justification of the candidate's selection or not employing any the candidate will be made public in accordance with the Act of February 21, 2019 on the Łukasiewicz Research Network.

We kindly inform you that we will contact only selected candidates.