



Instytut Katalizy i Fizykochemii Powierzchni
im. Jerzego Habera
Polskiej Akademii Nauk



HR EXCELLENCE IN RESEARCH

KSN 10/2021

Kraków, 1.12.2021

ASSISTANT PROFESSOR in Jerzy Haber Institute of Catalysis and Surface Chemistry Polish Academy of Sciences

- Employer: Jerzy Haber Institute of Catalysis and Surface Chemistry Polish Academy of Sciences, Krakow, Poland
- Research field:
Chemistry> Instrumental analysis
Chemistry> Heterogeneous catalysis
- Researcher profile: R3
- Deadline for applications: 3.01.2023, 3:00 pm GMT+1
- Place: Poland, Kraków
- Type of Contract: to be determined (at least 24 months)
- Job Status: Full-time
- Working hours/week: 40
- Start of employment: 01.03.2022
- Key Words: heterogeneous catalysis, electron scanning microscopy, catalytic tests

Jerzy Haber Institute of Catalysis and Surface Chemistry Polish Academy of Sciences invites applications for the position of ASSISTANT PROFESSOR (adjunct).

The candidates who meet the conditions stated in the act "Ustawa o Polskiej Akademii Nauk" dated 30 April 2010 (Dz.U. 2018 poz. 1475 z póź. zm.), art 89. Ust. 3 for the position of ASSISTANT PROFESSOR are encouraged to apply for the position.

The Candidate will take part in research conducted in the Laboratory of Scanning Electron Microscopy at ICSC PAS, which focuses on the development of heterogeneous catalytic materials and their characterization with the use of electron microscopic techniques, catalytic measurements as well as other physicochemical techniques employed in the Institute (e.g. XRD, XPS, BET, FT-IR).

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The Assistant Professor will be responsible for carrying out his/her own research in the field of heterogeneous catalysis in coordination with other groups at ICSC PAS that conduct similar research as well as for providing services in electron microscopic characterization for the whole Institute.

Required education:

Ph.D. title in chemistry, physics, material engineering or related area.

Skills/Qualifications confirmed by paper from JCR list:

- Experience in synthesis and physicochemical characterization of heterogeneous catalysts - 0-5 points
- Experience in catalytic tests conducted in various setups (batch, fed-batch, flow in gas/solid or liquid/solid systems) - 0-5 points
- Experience in characterization of objects with scanning electron microscopy (SEM) – 0-10 points

Additional skills, which would be an additional benefit

- Experience in operating scanning electron microscopes from JEOL (e.g. JSM-7500F) - 0-3 points
- Experience in the role of research project leader - 0-5 points
- Success record in grants for purchase or support of equipment - 0-2 points

Specific requirements:

1. An application.
2. Consent to the processing of personal data for the needs necessary to carry out the recruitment process in accordance with the Act of 29 August 1997 on the protection of personal data (t.j. Dz. U. z 2016 r. poz. 922, z 2018 r. poz. 138, 723.) and fill in the form „Consent to the processing of personal data” confirming acquainting with its content. The form is available on the institute website [\[FORM\]](#).
3. A copy of the scientific degree certificate.
4. Full CV (including information on maternal leaves, voluntary work and periods of work in the industry).
5. At least one opinion on the Candidate given by an independent researcher (preferably senior supervisor).
6. List of scientific achievements (scientific papers, patents, patent applications, grants, etc.).
7. Copies of the 3 best publications connected to the topic of the call.
8. The Candidate's report on his/her scientific interests and research aims (an A4 page).



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Languages:

Fluent in written and spoken English.

Research experience:

More than 4 years after PhD

Additional information:

Remuneration:

The gross salary will be at least **5 200 PLN/month** (approx. **1100 euro/month**) depending on the Candidate's experience.

Eligibility criteria:

- Ph.D. degree in chemistry, physics, material engineering or related area.
- Documented achievements and experience confirmed by publications from the JCR list.
- At least 4 years in research after receiving PhD title

Selection process:

Applications should be sent in the electronic form to: sekretariat@ikifp.edu.pl with the subject title „ADJUNCT LME KSN 10/2021”

Deadline for applications: **03.01.2022** at **3:00 pm GTM+1**. The competition will be settled by **28.02.2021**. The candidates will be notified of the results.

After the initial pre-selection of applications, the recruitment commission may request an additional online interview with selected candidates.

The employment will be proceeded with accordance with the rules of the Labour Code for at least **24 months**.

Additional information:

The Institute has been adapted to the needs of the disabled. The Institute does not provide accommodation. The recruitment process is conducted according to [OTM-R policy](#).