

KSN 3/2026

Kraków, 16.04.2026

Research Assistant in the Interfacial Interactions in Dispersed Systems group

- Employer: Jerzy Haber Institute of Catalysis and Surface Chemistry Polish Academy of Sciences, Krakow, Poland
- Research field:
 - Chemistry
- Researcher profile: R2
- Deadline for applications: 16.05.2026, 3:00 pm GTM+1
- Place: Poland, Kraków
- Type of Contract: for a definite period - 24 months
- Job Status: Full-time
- Working hours/week: 40
- Start of employment: 01.07.2026
- Key Words: thin liquid films, dispersed systems, adsorption, surfactants

Jerzy Haber Institute of Catalysis and Surface Chemistry PAS invites applications for an Research Assistant in the Interfacial Interactions in Dispersed Systems (IIDS) group. 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. 4 for the position of Assistant are encouraged to apply for the position.

The candidate will participate in research conducted in the IIDS group devoted to experimental and theoretical assessment of factors affecting stability of dispersed systems under static and dynamic conditions including studies on properties of thin liquid films, with a particular emphasis on hydrodynamics and physicochemistry of surface phenomena, adsorption and interfacial forces in thin liquid films, and modification of solid surfaces.

In particular the successful candidate will be responsible for:

- Conducting research work in accordance with the Institute's profile, with a particular emphasis on study of phenomena occurring during formation of liquid films under dynamic and quasi-static conditions at various interfaces in relation to stability of dispersed systems;
- Planning and analysis of the results of experiments and preparation of publications.
- Research projects applications.

ul. Niezapominajek 8, 30-239 Kraków, Polska
tel. +48 12 639 51 01, +48 12 425 19 23
fax +48 12 425 19 23

Nr konta: Bank Gospodarstwa Krajowego
PL 36 1130 1150 0012 1186 5820 0004
NIP: 6750001805, REGON: P-000326351

Required education:

The candidate should have a doctoral degree in chemistry, chemical engineering or related disciplines.

Skills/qualifications:

1. Documented background (publications, patents) in physicochemical fundamentals of thin liquid films formed at various interfaces and modification of solid surfaces.
2. Experience in the field of hydrodynamics and physical chemistry with a particular emphasis on interfacial phenomena, with use of theoretical and experimental techniques (adsorption, coalescence, wetting phenomena, modification and assessment of solid surface wettability).
3. Advanced experience in digital image analysis.

Specific requirements:

1. An application.
2. Completed and signed “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.) [[FORM](#)] and “Information obligations – recruitment of a perspective employee/collaborators” confirming acquainting with its content [[FORM](#)].
3. A copy of 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.
6. List of scientific achievements (scientific papers, patent, patent applications, grants, etc.).
7. The Candidate’s report on his/her scientific interests and research aims (an A4 page).

Languages:

Good command of the English language in speech and writing.

Research experience:

Minimum 3 years of experience in research in the field of surface chemistry or related field.

Additional information:

Remuneration:

The gross salary **ca. 5700 PLN/month (roughly 1350 Euro/month)**, depending on the Candidate’s experience.

Eligibility criteria:

- Documented experience in conducting scientific research in the field of surface chemistry, confirmed by a list of publications in journals from the Journal Citation Reports list (0-10 points). Minimum number of points required: 4;
- Knowledge of methods used for characterization of surfactant adsorption at liquid/gas interfaces under static and dynamic conditions (0-5 points). Minimum number of points required: 2;
- Knowledge of methods of assessment of stability of liquid films (0-5 points). Minimum number of points required: 2.

Selection process:

Applications should be sent in electronic form to: jobs@ikifp.edu.pl with the subject title „**IIDS KSN 3/2026**”

Deadline for applications: **16.05.2026 at 3:00 pm GTM+1**. The competition will be settled by **31.05.2026**. The candidates will be notified of the results.

In the case of candidates with equivalent qualifications or a need for further clarification of information provided selected candidates will be asked to participate in an on-line interview.

Additional information:

The Institute has been adapted to the needs of the disabled. The Institute does not provide accommodation.

Jerzy Haber Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, awarded the HR Excellence in Research Award by the European Commission in recognition of ongoing commitment to adopt the principles of The European Charter for Researchers (ECR) and a Code of Conduct for the Recruitment of Researchers (CCRR) fully supports and applies open, transparent and merit-based recruitment ([OTM-R policy](#)) procedures. The Institute is dedicated to implementing and strengthening the OTM-R policy as one of the pillars of the ECR and CCER and one of the crucial components of the Human Resources Strategy for Researchers (HRS4R).