



HR EXCELLENCE IN RESEARCH



Warsaw 2018-11-14

ICHF 22/2018

Charge Transfer in Hydrodynamic Systems group

Post-Doctoral scientist position

Number of positions available: 1

Job summary: Full-time PostDoc position available in the Institute of Physical Chemistry PAS within the National Science Center Sonata Bis 5 Project No. NCN 2015/18/E/ST4/00319 entitled " **Moving interfaces: Transfer of ions and molecules between phases in hydrodynamic systems**" (leader Dr. Martin Jönsson-Niedziółka).

Research Profile: Recognized Researcher (R2)

Job description: Within the project the candidate will perform studies of ion-transfer between immiscible liquids in a three- or four-electrode setup. This includes studies of facilitated transfer with the help of various ionophores and transfer of larger molecules such as proteins and their substrates. Experiments are performed under normal stationary conditions as well as under hydrodynamic motion and in paper-based systems.

Responsibilities: The successful candidate will work closely with two PhD students within the project to perform experiments with ion transfer, develop measurement systems, and advising the students. Analyzing data and preparation of manuscripts. Presenting the research outcome at conferences and meetings.

Career perspectives: Opportunity to work in an interdisciplinary research department with strong support from chemistry and physics group within the Institute. The postdoctoral researcher will have the opportunities to participate in and present research results in national and international conferences.

Benefits: We offer a post-doctoral position (full-time employment) in the Institute of Physical Chemistry PAS with gross salary in the amount of around 5700 PLN per month financed from the NCN Sonata Bis Project No. 2015/18/E/ST4/00319. The position is fixed term until the end of the project on April 26, 2020.

Requirements:

1. PhD in Chemistry (or related field) awarded not earlier than seven years before the deadline of the present recruitment. This period can be extended by the duration of maternity/paternity leaves (according to NCN rules).
2. Ability to work independently as well as in a group.
3. Experience in electrochemistry.
4. Ability to collect and organize data for presentation and publication.
5. Knowledge in such fields as ion-transfer, ion-sensitive electrodes is desirable. Additional knowledge about electrowetting and/or microfluidics will be welcome.

Application Details:

Envisaged Job Starting Date: Jan 1st, 2019.

Deadline for application: December 7th, 2018, before 4.00 p.m.

How to Apply: Applications should be sent by e-mail to:

rekrutacja@ichf.edu.pl; **IMPORTANT: email title “ICHF 22/2018”**

Recruitment procedure:**• Complete application should include the following items:**

1. Employment application.
2. Motivation letter (maximum 3500 characters)
3. Professional curriculum vitae.
4. PhD diploma.
5. A list of scientific achievements (publications, patents, conference presentations, etc.).
6. The number of citations of publications without self-citations, the h index.
7. List of research projects in which the candidate participated
8. At least one letter of recommendation written by an independent researcher.
9. Consent regarding the collection and processing of personal data (http://ichf.edu.pl/RODO_post-doc_zgoda_NCN_PL_EN.doc).

IMPORTANT: applications without the consent will not be considered

- Employment will take place in accordance with the **Employment policy of the Institute of Physical Chemistry PAS** (http://ichf.edu.pl/employment_policy.pdf) and the provisions of the competition documentation of the National Science Center (NCN) for the Sonata Bis 5 projects;
- Incomplete applications may be not considered;
- Short listed candidates must go through an interview (or conference call) that will be held **between December 10th and 13th, 2018. Good command of English is required. We reserve the right to contact and reply only to selected candidates.**

- The following criteria will be taken into account:
 - a) competences of candidates for specific tasks in the research project.
 - b) previous scientific achievements of candidates.
 - c) awards and distinctions of the candidate resulting from conducted research.
- **The results** of the recruitment will be announced on **December 20, 2018**.
- The results of the competition are made public. A candidate that does not agree with the results of the recruitment procedure has the right to appeal to the Director of the Institute within 7 days after receiving information about results.