



HR EXCELLENCE IN RESEARCH

Job Advertisement for PhD Position



The Institute of Physical Chemistry of the Polish Academy of Sciences, the leading research entity among research organizations in Poland, invites applications for the position of:

PhD Student in the Department of Physical Chemistry of Biological Systems

(project CREATE, H2020-WIDESPREAD-2014-2)

We encourage applicants for PhD position in the **Department of Physical Chemistry of Biological Systems**, Institute of Physical Chemistry PAS, Warsaw, Poland.

The PhD position is a part of the CREATE project funded by the European Commission under the ERA Chairs programme. The [CREATE project](#) is targeted at development of a new chair - Department of Physical Chemistry of Biological Systems within the structure of the Institute of Physical Chemistry of the Polish Academy of Sciences (IPC) led by reputable world-class scientist (ERA Chair holder). The project predicts a number of measures to extend research excellency of IPC into the new field – physical chemistry inspired by biology.

Desired qualifications:

- a university degree in physics/engineering (optics, automatics, informatics, electronics);
- initial experience in experimental work in the field of optics;
- skills in C++, Python, LabView or MatLab;
- good command of English.

The successful candidate will:

- join the ERA Chair holder's team – opportunity to closely cooperate with worldwide reputable scientist selected and contracted as the ERA Chair Holder – prof. Maciej Wojtkowski, a physicist specializing in optics applications in biology and medicine;
- participate in research studies of the statistical properties of the light propagation through non-transparent or turbid media – in particular through biological systems.

The successful candidate will be offered:

- **a long-term contract*** (3 years supported by ERA Chairs grant);
- the opportunity to work in interdisciplinary research department with strong support from chemistry and physics groups within the Institute;
- **position** in the professional and dynamically developing innovative team.

Main eligibility criteria:

- Creativity measured by the quality and number of scientific publications in which the candidate is the first/corresponding/significant author;
- Mobility in his/her scientific career (including completed research internships, change in the scientific profile, internships and work in industry);
- Creativity measured by the quality and number of research projects the candidate has led;
- Possession of master's degree (or equivalent) in relevant field;
- Knowledge of English language (certificate of knowledge of English, e.g. FCE, CAE, CPE, TOEFL, or other – applicable to the foreign candidates).

Applications including:

1. Curriculum vitae.
2. A job application.
3. A scan or photocopy of the candidate's university degree.
4. A list of publications indicating a maximum of five of the most important studies carried out in the last 5 years of the candidate's research work (after deduction of breaks in research), patent applications, patents, implementations, research projects.
5. Information about any breaks in performing research work, e.g. maternity leave, internship in industry, etc. When assessing the achievements of the candidate the Recruitment Committee shall take into account breaks in research and shall convert the candidate's indicated achievements into effective years of scientific work.
6. A list of research projects (application, implementation), which were headed by the candidate or where he/she was the main researcher and 1-3 major publications that were a result of the implementation of this project, or other tangible results of the project.
7. At least one opinion of the candidate from a reputable expert.
8. Consent to the processing of the candidate's personal data for the purposes of the competition <http://ichf.edu.pl/Oswiadczenie-declaration.doc>
9. The candidate's declaration he/she has become acquainted with the General Rules Governing Competitions for Research Posts at the IPC PAS in Warsaw.

*should be sent to mwojtkowski@ichf.edu.pl and apawlus@ichf.edu.pl (contact person for employment) by **31st March, 2017**. One candidate will be chosen. Successful candidates fulfilling the main eligibility criteria will be invited for Skype interview. The competition results shall be announced on **10th April, 2017**. Expected start date of working in-situ is **1st May, 2017**.*

** Successful candidate will be offered temporary contract (4 months) with the prolongation option under the condition of passing the admission interview to the International Doctoral Studies at IPC PAS, which will take place on **3rd July 2017**.*

The Institute is committed to employment equality (esp. European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers) and welcomes applications from all qualified candidates fulfilling the requirements specified in this announcement.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 666295.