



HR EXCELLENCE IN RESEARCH

## Job Advertisement for Post-Doc 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:

### Post-Doctoral Fellow in the Department of Physical Chemistry of Biological Systems

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

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

The postdoc position is a part of the CREATE project funded by the European Commission under the ERA Chair 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) and doctoral degree,
- experience in experimental work in the field of biomedical imaging with particular emphasis on the combination of spectroscopic, interferometric, and fluorescence methods,
- experience in development of new methods of microscopy or medical imaging connected with ophthalmology is welcomed.

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 given:

- **a long-term contract** (2 years supported by ERA Chairs grant) with prolongation option;
- the opportunity to work in interdisciplinary research department with strong support from chemistry and physics groups within the Institute;
- **autonomous 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);
- The number of citations of the candidate's work;
- Creativity measured by the quality and number of research projects the candidate has led and publications resulting from implementation of these projects.

*Applications including:*

1. A job application.
2. Curriculum vitae.
3. A scan or photocopy of the candidate's university degree and doctoral 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. The number of citations of publications without self-citations, the h index and the number of years worked effectively in science (after deduction of breaks).
6. 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.
7. 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.
8. At least one opinion of the candidate from a worldwide reputable expert.
9. Consent to the processing of the candidate's personal data for the purposes of the competition <http://ichf.edu.pl/Oswiadczenie-declaration.doc>
10. 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](mailto:mwojtkowski@ichf.edu.pl) and [apawlus@ichf.edu.pl](mailto:apawlus@ichf.edu.pl) (contact person for employment) by **14<sup>th</sup> April, 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 **30<sup>th</sup> May, 2017**. Expected start date of working in-situ is **1<sup>st</sup> 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.



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