



*The **CRE**ation of the Department of Physical Chemistry of Biological Sys**TE**ms [CREATE]*  
**666295 — CREATE — H2020-WIDESPREAD-2014-2015/H2020-WIDESPREAD-2014-2**

**The advertisement for postdocs**  
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Level of dissemination: Public

**Warsaw, July 2016**



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# Institute of Physical Chemistry

## Polish Academy of Sciences

The Institute of Physical Chemistry of the Polish Academy of Sciences, the leading research entity among large chemical 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 positions are 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 worldclass 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.

#### **The candidates should have:**

- 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 fluorescent methods.
- the experience in development of new methods of microscopy or medical imaging connected with ophthalmology is welcome.

#### The successful candidate will:

- join the ERA Chair holder's team – opportunity to close cooperation 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 middle-term contract** (8 months supported by ERA Chairs grant) with prolongation option for permanent position – **full time position**;
- **an attractive salary**
- the opportunity to close cooperation with worldwide reputable scientist selected and contracted as the ERA Chair Holder – prof. Maciej Wojtkowski
- the opportunity to work in interdisciplinary research department with strong support from chemistry and physics groups within the Institute;
- **autonomy position in ERA Chair Holder's Team** and access to numerous trainings.

*Applications including:*

1. A job application.
2. Curriculum vitae.
3. A summary of professional accomplishments (not exceeding 3500 characters), containing concise information about scientific interests, past achievements pointing out the three most important ones, participation in and running research projects and the candidate's own research plans.
4. A scan or photocopy of the candidate's university degree.
5. A scan or photocopy of the candidate's doctoral degree.
6. 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.
7. 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).
8. 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.
9. 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.
10. At least one opinion of the candidate from a worldwide reputable expert.
11. Consent to the processing of the candidate's personal data for the purposes of the competition <http://ichf.edu.pl/Oswiadczenie-declaration.doc>
12. 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 [mwojtowski@ichf.edu.pl](mailto:mwojtowski@ichf.edu.pl) and [pniton@ichf.edu.pl](mailto:pniton@ichf.edu.pl) (contact person for employment) by **29th May, 2016**. Three candidates will be chosen. Expected start date of working in-situ is 1<sup>st</sup> July 2016.*

*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. Remuneration of the post-doctoral fellows are co-financed from EU funds (ERA Chairs, Horizon2020).*