



HR EXCELLENCE IN RESEARCH

## Job Advertisement for PhD Position



The Institute of Physical Chemistry of the Polish Academy of Sciences (IPC PAS), 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 (3 positions\*)

*(2 positions: Project MAESTRO 8, 2016/22/A/ST2/00313*

*1 position: Project CREATE, H2020-WIDESPREAD-2014-2)*

We encourage applicants for PhD positions in the **Department of Physical Chemistry of Biological Systems**, IPC PAS, Warsaw, Poland. The PhD positions will be part of two projects: one funded by European Commission under the ERA Chairs programme and the other by the National Science Centre Poland, under MAESTRO 8 funding scheme. Research activity under these projects is targeted at solving one of the most basic problems of optics: **in-vivo microscopic imaging in optically inhomogeneous media**. The main objective of the research is to broaden the knowledge about the image formation process in the presence of highly distortive media like biological samples.

#### **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:

- **long-term contract/scholarship\*** (depending on the project, 3 years supported by ERA Chairs/MAESTRO 8 grant);
- **attractive** salary;
- 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 achievements (including number of scientific publications);
- mobility in his/her scientific career (including completed research and/or industry internships, participation in research projects, scholarships and awards, scientific trainings);
- possession of master's degree (or equivalent) in relevant field;
- knowledge of English language (list of documents confirming knowledge of English language in accordance with Polish regulations is presented [here](#)).

*Applications including:*

1. Curriculum vitae (*with the list of scientific achievements and information regarding mobility in his/her scientific career*).
2. A job application.
3. A scan or photocopy of the candidate's university degree.
4. At least one reference letter.
5. A copy of language certificate (applicable to candidates from countries other than Poland).
6. Consent to the processing of the candidate's personal data for the purposes of the competition <http://ichf.edu.pl/Oswiadczenie-declaration.doc>
7. 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 **31<sup>st</sup> August, 2017**. Please specify in the application topic: Application for PhD student position at the POB group (CREATE & MAESTRO projects).*

*Successful candidates fulfilling main eligibility criteria will be first invited for an interview qualifying to International PhD Studies at IPC PAS on **2<sup>nd</sup> October, 2017**. Qualified candidates with the best notes will be then invited for 2<sup>nd</sup> round of interview with Recruitment Committee. Three candidates will be chosen. The competition results shall be announced by **mid-October 2017**. Expected start date of working in-situ is **1<sup>st</sup> November, 2017**.*



NATIONAL SCIENCE CENTRE 2016/22/A/ST2/00313  
POLAND



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*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*