



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 (PhD scholarship holder – First Stage Researcher R1) in the Department of Physical Chemistry of Biological Systems (1 position)

(scholarship from MAESTRO 8 project: 2016/22/A/ST2/00313)

We encourage applicants for **PhD scholarship** in the **Department of Physical Chemistry of Biological Systems**, IPC PAS, Warsaw, Poland. The PhD student position will be a part of the project *Removal of image distortions by Spatio-Temporal Optical Coherence manipulation*, funded by the National Science Centre Poland under MAESTRO 8 funding scheme. Research activity under this project 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:

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

The successful candidate will:

- join the ERA Chair holder's team – opportunity to closely cooperate with 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;
- carry a project related to aberration free imaging and development of universal Adaptive Optics techniques.



The successful candidate will be offered:

- **scholarship** (3 years supported by MAESTRO 8 grant), which will be awarded in accordance with the regulations defined by the National Science Center regarding the rules for awarding and paying NCN scholarships ([link to the document](#))
- **attractive** salary (3 000 zł, non-tax-deductible cost),
- opportunity to work in **interdisciplinary research department** in collaboration with industrial partners,
- **position** in the professional and dynamically developing innovative team,
- **flexible working hours**,
- possibility to participate in **wide range of professional trainings & international conferences**.

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 MSc degree 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/RODO_doktorant-stypendysta_zgoda_PL_EN.doc (without the consent, application won't be considered in the competition)
7. The candidate's declaration he/she has become acquainted with the [General Rules Governing Competitions for Research Posts at IPC](#),

*should be sent to rekrutacja@ichf.edu.pl by **31 August 2018**. Please specify in the application topic: **Recruitment no. 10/2018**.*

*Successful candidates fulfilling main eligibility criteria will be first invited for an interview qualifying to International PhD Studies at IPC PAS on **1 October 2018**. **Note:** candidates already enrolled to PhD studies may also apply. Qualified candidates with the best notes will be then invited for 2nd round of interview with Recruitment Committee. One candidate will be chosen. The competition results shall be announced by **mid-October 2018**. Expected start date of working in-situ is **October/November 2018**.*

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. http://ichf.edu.pl/employment_policy.pdf