

JOB OFFER

Position in the project:	PhD student
Scientific discipline:	Theoretical quantum physics / quantum chemistry
Job type (employment contract/stipend):	stipend
Number of job offers:	1
Stipend amount/month (<i>net salary</i>):	4 500 PLN
Position starts on:	October 1, 2019
Maximum period of contract/stipend agreement:	33 months
Institution:	University of Warsaw, Faculty of Physics
Project leader:	Dr Michał Tomza
Project title:	<i>"Quantum engineering of novel ultracold complex molecular systems: from diatomic to polyatomic molecules"</i> <i>Project is carried out within the First Team programme of the Foundation for Polish Science</i>
Project description:	The aim of the project is to propose and theoretically investigate new ways of producing, controlling, and manipulating ultracold complex molecules including both diatomics in non-trivial electronic states and polyatomic molecules.
Key responsibilities include:	1. Derivation of equations. 2. Implementation of computer codes. 3. Running and analysis of numerical simulations. 4. Running electronic structure calculations.
Profile of candidates/requirements:	1. M.Sc. degree in physics or related field obtained by 30.09.2019. 2. Interest in the subject, motivation to scientific work and wish to complete Ph.D. thesis in physics in our group. 3. Knowledge of quantum mechanics and experience in programming.
Required documents:	1. Curriculum Vitae with an information on the processing of personal data (available at http://bsp.adm.uw.edu.pl/bsp/druki-i-formularze/) 2. Cover letter. 3. Transcript of records from undergraduate studies. 4. Contact details of at least two referees.
We offer:	1. Development of skills in the field of ultracold quantum many-body systems.

	2. Internships at our foreign partners. 3. Participation in scientific schools and conferences.
Please submit the following documents to:	Dr Michał Tomza, e-mail: michal.tomza@fuw.edu.pl
Application deadline:	August 31, 2019 It is planned to settle the competition no later than by September 10. About the interview and the results of recruitment, selected candidates will be informed by e-mail. The lack of contact will mean the non-qualification for the next stage of recruitment.
For more details about the position please visit (website/webpage address):	http://quantmol.uw.edu.pl/
Euraxess job/stipend offer (in case of PhD and postdoc positions):	https://euraxess.ec.europa.eu/jobs/429758