JOB OFFER

Position in the project:	Graduate student
Scientific discipline:	Chemistry / biophysics
Job type (employment contract/stipend):	stipend
Number of job offers:	1
Remuneration/stipend amount/month *("X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN"):*	2000 PLN/month gross
Position starts on:	1.07.2018
Maximum period of contract/stipend agreement:	2 years
Institution:	Centre of New Technologies, University of Warsaw
Project leader:	Dr. Krzysztof Kazimierczuk
Project title:	**„Methods of non-stationary signal processing for more sensitive NMR spectroscopy"** ***Project is carried out within the FIRST TEAM programme of the Foundation for Polish Science***
Project description:	The goal of the project is to develop novel methods of data processing for "serial" Nuclear Magnetic Resonance (NMR) experiments. Methods of analysis of non-stationary signals will be implemented in various types of experiments - from the study of small molecules and their mixtures to studies of macromolecules. The expected result of the project will be a package of experimental protocols and programs for data processing.

European Funds Smart Growth
Republic of Poland
FNP Foundation for Polish Science
European Union European Regional Development Fund

Key responsibilities include:	1. Implementation of the developed solutions based on the Radon transform and related methods in practical applications of NMR spectroscopy. 2. Application of the developed solutions in chemical problems.
Profile of candidates/requirements:	1. Bachelor degree in chemistry, physics or biophysics (or scheduled defense date) 2. Understanding of basics of NMR spectroscopy 3. Basic programming skills are welcome 4. Candidate must become a graduate student in academic year 2018/19 and will receive a stipend of 2000 PLN/month for one year, with the possibility of prolongation for another year. In case of students of Faculty of Chemistry, University of Warsaw, project's coordinator will become a supervisor of the master thesis.
Required documents:	1. Cover letter, describing Candidate motivation 2. Curriculum Vitae (CV) 3. Bachelor degree certificate or date of defense 4. One or more letters of recommendation from a scientist who is familiar with the Candidate (submitted directly to email address below)
We offer:	- Interdisciplinary environment of the Center of New Technologies - Work in a dynamic group engaged in international collaborations. - Direct contact with high-class equipment (Agilent 700 MHz and Magritek 43 MHz spectrometers).
Please submit the following documents to:	k.kazimierczuk@cent.uw.edu.pl email entitled: „STUDENT APPLICATION"
Application deadline:	13.05.2018
For more details about the position please visit (website/webpage address):	www.nmr.cent.uw.edu.pl

European Funds Smart Growth
Republic of Poland
FNP Foundation for Polish Science
European Union European Regional Development Fund

Euraxess job/stipend offer (in case of PhD and postdoc positions):	

Please include in your offer:

“I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended.”