

JOB OFFER

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| Position in the project: | postdoc |
| Scientific discipline: | Mathematics/Physics |
| Job type (employment contract/stipend): | job contract |
| 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"): | ca. 3750-7500 PLN/month brutto depending on the working hours (half-time or full-time) |
| Position starts on: | 1.07.2018 |
| Maximum period of contract/stipend agreement: | 18-36 months |
| Institution: | Centre of New Technologies, University of Warsaw |
| Project leader: | Dr. Krzysztof Kazimierzuk |
| Project title: | „Methods of non-stationary signal processing for more sensitive NMR spectroscopy” <i>Project is carried out within the FIRST TEAM programme of the Foundation for Polish Science</i> |
| 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 |

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| | package of experimental protocols and programs for data processing. |
| Key responsibilities include: | <ol style="list-style-type: none"> 1. Development of the signal processing approaches for NMR spectroscopy based on the analysis of non-stationary signals. 2. Practical implementation of the solutions as user-friendly software. |
| Profile of candidates/requirements: | <ol style="list-style-type: none"> 1. PhD degree in physics or mathematics 2. Experience in harmonic analysis, Fourier analysis, time-frequency analysis. 3. Programming skills (MATLAB) 4. Practical experience in signal processing is welcome |
| Required documents: | <ol style="list-style-type: none"> 1. Cover letter, describing Candidate motivation 2. Curriculum Vitae (CV) 3. PhD degree certificate 4. One or more letters of recommendation from a scientist who is familiar with the Candidate (submitted directly to email address below) 5. Information on scientific publications, scholarships, prizes and awards or other relevant documents demonstrating the excellence of Candidate 6. A list of attended conferences with titles and authors of presentations |
| We offer: | <ul style="list-style-type: none"> - Interdisciplinary environment of the Center of New Technologies - Work in a dynamic group engaged in international collaborations. - Highly profiled publications in chemical or biological journals |
| Please submit the following documents to: | <p>k.kazimierczuk@cent.uw.edu.pl</p> <p>email entitled: „POSTDOC APPLICATION”</p> |

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| Application deadline: | 13.05.2018 |
| For more details about the position please visit (website/webpage address): | www.nmr.cent.uw.edu.pl |
| 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.”