

## JOB OFFER

Position in the project:	PhD student
Scientific discipline:	Electrochemistry / Materials Science
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”):	4 000 PLN / month
Position starts on:	1.10.2020
Maximum period of contract/stipend agreement:	24 months
Institution:	Institute of Chemistry and Technical Electrochemistry / Faculty of Chemical Technology / Poznan University of Technology, Poznań, Poland
Project leader:	Dr. Eng. Paula Ratajczak
Project title:	<p><i>“A novel concept of sustainable capacitor based on carbon-ion technology – CARBionCAP”</i></p> <p><b>Project is carried out within the POWROTY/REINTEGRATION programme of the Foundation for Polish Science</b></p>
Project description:	<p>The objective of the CARBionCAP project is to deliver a novel concept of sustainable capacitor, introduced as carbon-ion capacitor (CIC), for designing affordable energy-storage devices implemented in electric vehicles, portable tools, industrial automation and power engineering systems. Since the capacitor will not require the implementation of expensive and depleted metals, such as lithium, the developed CIC is expected to become in the future a competitor to Li-ion capacitors by utilizing safe, cheap and available materials, free of political constraints, while providing high energy, high power and long cycle life.</p>
Key responsibilities include:	<p>Working in the framework of the project will focus on:</p> <ul style="list-style-type: none"> <li>• Synthesis, modification and characterization of electrode materials</li> <li>• Research on the electrochemical properties of materials and constructed cells as well as on-line analysis of the charging/discharging mechanisms and ageing of the systems</li> <li>• Analysis and interpretation of experimental data</li> <li>• Writing reports and publications, preparing/presenting research results at scientific conferences</li> <li>• Cooperation with project partners</li> </ul>
Profile of candidates/requirements:	<ol style="list-style-type: none"> <li>1. A valid PhD student status (from the beginning of the contract, i.e. 1.10.2020); preferred students from the following studies: chemistry, chemical technology, engineering or similar.</li> <li>2. Knowledge in the area of materials science and electrochemistry (especially chemical energy sources)</li> <li>3. Willingness to work in a team as well as strong motivation and enthusiasm for scientific research</li> <li>4. Required at least good English language skills</li> </ol>
Required documents:	<ol style="list-style-type: none"> <li>1. Motivation Letter</li> <li>2. Current curriculum vitae with emphasis on scientific achievements, work experience and publications</li> </ol>

	<p>3. Confirmation of the PhD student status (the candidate needs to have a valid student status starting from the beginning of the contract, i.e. 1.10.2020)</p> <p>4. List of grades from studies (academic transcript)</p> <p>5. Copy of Master thesis and/or diploma</p> <p>6. At least one letter of reference prepared by a senior researcher familiar with their work</p> <p>The candidate will be selected by taking into account:</p> <p>I) skills and knowledge with respect to the Project area,</p> <p>II) experience of the candidate in other research work, e.g. participation in research projects,</p> <p>III) grades obtained during studies so far.</p> <p>Selected candidates will be invited to an interview with the Recruitment Committee.</p> <p>All candidates will be informed via e-mail about the results of the competition</p>
We offer:	<ul style="list-style-type: none"> <li>• Participation in a very attractive scientific program focused on applied research</li> <li>• Great opportunities to accomplish a scientifically interesting doctoral dissertation</li> <li>• Work in a recognized team of researchers and collaboration with eminent scientist</li> <li>• Access to unique top-level equipment</li> <li>• Possibility to disseminate the obtained results in high-rated scientific journals and on international conferences</li> <li>• Possibility to participate in scholarships, trainings and international research visits</li> </ul>
Please submit the following documents to:	paula.ratajczak@put.poznan.pl
Application deadline:	20.09.2020
For more details about the position please visit (website/webpage address):	<a href="http://powersourcesgroup.put.poznan.pl/?p=1154">http://powersourcesgroup.put.poznan.pl/?p=1154</a> <a href="https://www.fct.put.poznan.pl/pl/content/3195">https://www.fct.put.poznan.pl/pl/content/3195</a>
Euraxess job/stipend offer (in case of PhD, postdoc, leader and young leader positions):	<a href="https://euraxess.ec.europa.eu/jobs/551902">https://euraxess.ec.europa.eu/jobs/551902</a>

Pursuant to the provisions of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (hereinafter: GDPR), please be advised that:

1. The administrator of your personal data is: **Poznan University of Technology, Pl. Maria Skłodowska-Curie 5, 60-965 Poznań**, e-mail: biuro.rektora@put.poznan.pl, phone: 61 665 3639.
2. The personal data inspector is Piotr Otomański, e-mail: iod@put.poznan.pl.
3. Data are collected for the purposes of maintaining order and security at the University (Article 50 of the Law on Higher Education and Science); if you are our employees, personal data in the form of an image are collected in order to ensure security, property protection or keeping confidential information, the disclosure of which could expose the University to damage (Article 22 of the Labor Code). The basis for their processing is Art. 6 clause 1 lit. c GDPR - processing is necessary to fulfill the legal obligation incumbent on the administrator.
4. Personal data are not transferred to processors (**Article 28 paragraph 1 of the GDPR**); they may, however, be made available to the authorities authorized to process them on the basis of legal provisions.

5. Personal data will be stored for a period of 3 weeks. In the case where the image recordings constitute evidence in proceedings conducted on the basis of law or the employer becomes aware that they can constitute evidence in proceedings, the period of 3 weeks is extended until the final completion of the proceedings.

6. If applicable, you have the right to access your personal data, the right to rectify, delete and limit processing.

7. You have the right to lodge a complaint with the President of the Office for Personal Data Protection, if you consider that the processing of your personal data violates the provisions of the General Regulation on the Protection of Personal Data of 27 April 2016 (GDPR).

8. Your personal data will not be processed in an automated manner, including in the form of profiling.