



POLITECHNIKA POZNAŃSKA



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Proposition of Master Student stipend in the Power Sources Group

We propose **Master student stipend** in the Faculty of Chemical Technology, Poznan University of Technology (Poland) for a collaborative work during **6 months with possibility of extension for additional 6 months** in the frame of OPUS project funded by the National Science Centre (Narodowe Centrum Nauki - NCN).

The main objective of the project is to develop new knowledge for better understanding the charging/discharging mechanisms of electrochemical capacitors made of porous electrodes and various electrolytes. The key target is to reach a high frequency response of electrochemical capacitor operating within a wide voltage range. The main component of electrode materials will be transition metal compounds, e.g. dichalcogenides and their carbon composites. Within the frame of the project, the Master student will i) develop new composite materials with high conductivity and controlled porous structure; ii) study the physicochemical properties of composites.

This work program is recommended for chemist interested by fundamental and applied science. The student should be good team player and has the ability and willing for taking initiative. Good English speaking and writing is also expected.

Amount of stipend per month: 1,500 PLN

Starting date: May/June 2021

Duration: 6 months with extension possibility for next 6 months.

Results of recruitment: May 7th

Candidates wishing to apply are requested to send Curriculum Vitae, a motivation letter, attested copies of education certificates including grade reports and other documents to Professor E. Frąckowiak before **May 1st, 2021**.

For more information, they can contact Professor E. Frąckowiak, Institute of Chemistry and Technical Electrochemistry, Berdychowo 4, Poznan, Centrum Wykładowe WTCh, room 014A, phone 61 665 3632

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