

PhD position in engineering and technology

The Institute of Technology at the University of Tartu announces a PhD position (4 years) for a researcher to develop a cyclic flow electrode capacitor technology. The position is located in the research group of Intelligent Materials and Systems Laboratory (www.ims.ut.ee). One of the main research focus areas of the group is a development and exploitation of ion-conducting polymers and their composites. During the studies the PhD candidate develop a computer model capable of providing a detailed description of the working principles of flow-capacitor and suggest the optimal design concepts.

Description of the field of the PhD position: The ideal candidate will have an experience in the research areas of computer simulations with the interest of chemical engineering. The candidates with experimental and theoretical research interest in the field of materials science are encouraged to apply the position. Master's degree or equivalent in Physics, Chemistry, Materials Science or in Information Technology, Computer Science or related fields is required.

Interested candidates should send their CV and Letter of Motivations to Prof. Alvo Aabloo e-mail: alvo.aabloo@ut.ee or apply through website system <http://incoming.ut.ee>. Deadline for applications is June 1st.

Admitted PhD student will be enrolled in the PhD programme of Engineering and Technology in the Faculty of Science and Technology University of Tartu. The nominal study period is 2016-2020, starting from the beginning of September 2016.