

**Astra „TTÜ arenguprogramm aastateks 2016-2022“  
Energia ja geotehnika doktorikool III**

SEMINAR

## **RESEARCH AND DEVELOPMENT OF COST-EFFECTIVE POWER ASSIST WHEELCHAIRS**

Seminar toimub inglise keeles.

Toimumiskoht: TTÜ energeetikamaja, NRG-415.

Toimumisaeg: 08.05.2019 kl. 10.00-12.30

### **PROGRAMM JA AJAKAVA**

- 10.00-10.30** Brief introduction of project idea and partners. Short presentations about Riga Technical University (Prof. Ilya Galkin) and National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" (Ph.D. Ievgen Verbytskyi).
- 10.30-11.00** Considerations regarding the concept of cost-effective power assist wheelchair subsystems. Prof. Ilya Galkin, Riga Technical University
- 11.00-11.30** Multicell PFC converters for storage applications. Ievgen Verbytskyi, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"
- 11.30-12.00** Practical realization aspects of modular battery charger for power assist wheelchair. Denys Zinchenko, TalTech University
- 12.00-12.30** Closing remarks and future research directions.

- **Registreerumine.** Kohtade arv on piiratud. Osavõtjate arvu õigeks teadasaamiseks palume registreeruda hiljemalt **06.05.2019**
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