

16-18.04.2026, Tervis Spa Hotel, Seedri tn 6, Pärnu

APRIL 16 – PHD AS A CATALYST FOR GREEN INNOVATION

- 8:20** *Bus departure from TalTech campus*
- 10:30 – 10:50** *Arrival, Registration & Welcome Coffee*
- 10:50 – 11:00** *Important announcements about the event program*
- 11:00 – 11:10** *Formal Opening. Dmitri Vinnikov, TalTech, Estonia and Thomas Spazier, Advantage Austria*
- 11:10 – 13:00** **ENGINEERING PHD AS A DRIVER OF EU ECONOMIC GROWTH: INSIGHTS FROM ACADEMIA AND INDUSTRY**
- 11:10 – 11:25** *TalTech, Estonia. Jarek Kurnitski, Vice-Rector for Research, TalTech, Estonia*
- 11:25 – 11:40** *Warsaw University of Technology, Poland. Mariusz Malinowski, Vice-Rector for Research, WUT, Poland*
- 11:40 – 11:55** *University of Extremadura, Spain. Enrique Romero Cadaval, Professor and Leader of Power Electrical and Electronic Group, UEx, Spain*
- 11:55 – 12:10** *NOVA Faculty of Sciences and Technology, Portugal. João Martins, Professor and Vice-Director of UNINOVA/CTS Research Center, Portugal*
- 12:10 – 12:25** *ABB, Estonia. Viktor Beldjajev, Senior Principal Engineer, ABB Drives, Estonia/Finland*
- 12:25 – 12:40** *Infineon Technologies, Austria. Martin Mischitz, Project Director for Strategic Innovation & Funding Management, Infineon Technologies AG, Austria*
- 12:40 – 13:00** *Q&A and Discussion. Moderator: Andrii Chub, TalTech, Estonia*
- 13:00 – 14:00** *Lunch and Hotel Check-in*
- 14:00 – 17:00** **IPCEI INDUSTRIAL SEMINAR BY INFINEON TECHNOLOGIES**
- 14:00 – 14:30** *IPCEI - Innovation through Collaboration. Martin Mischitz, Infineon Technologies AG, Austria*
- 14:30 – 15:30** *INFINEON Powers AI: Advanced HV Distribution Solutions for Next-Generation of Data Centers. Alessandro Pevere, Infineon Technologies AG, Austria*
- 15:30 – 16:30** *High-Power Single-Phase PSU for AI Data Centers and High Dynamic Loads. Martin Wattenberg, Infineon Technologies AG, Austria*
- 16:30 – 17:00** *IPCEI-Driven TalTech/Infineon Joint PhD Projects. Salman Khan and Hans Anniste, TalTech, Estonia*
- 17:00 – 17:45** *Dinner*
- 18:00 – 21:00** **TEAM BUILDING EVENT.** *Coordinator: Alexander Rink, TalTech, Estonia*

APRIL 17 – POWER ELECTRONICS AS ENABLER OF SUSTAINABLE ELECTRIFICATION

- 9:00 – 9:30** *TalTech PEG: 20 Years Leading the Estonian R&I in Power Electronics. Dmitri Vinnikov, TalTech, Estonia*
- 9:30 – 11:00** **SUCCESS STORIES OF PEG: IN-HOUSE EMERGING TECHNOLOGIES**
- 9:30 – 10:00** *Impedance Source Converters. Andrii Chub, TalTech, Estonia*
- 10:00 – 10:30** *Current Source Converters. Andrei Blinov, TalTech, Estonia*
- 10:30 – 11:00** *MVDC Power Electronics. Tanel Jalakas, TalTech, Estonia*
- 11:00 – 11:30** *Coffee Break*
- 11:30 – 12:30** **SUCCESS STORIES OF PEG: SCIENCE 2 BUSINESS**
- 11:30 – 11:50** *Ubik Solutions. Dmitri Vinnikov, TalTech, Estonia*
- 11:50 – 12:10** *MindChip. Indrek Roasto, TalTech, Estonia*
- 12:10 – 12:30** *DCR Technologies. Oleksandr Husev, WUT, Poland*
- 12:30 – 13:30** *Lunch*
- 13:30 – 14:30** **SUCCESS STORIES OF PEG: ACADEMIA & INDUSTRY PARTNERSHIPS**
- 13:30 – 13:50** *SMARTGYsum and Beyond. Enrique Romero Cadaval, UEx, Spain*
- 13:50 – 14:10** *Shift2DC. Andrii Chub, TalTech, Estonia*
- 14:10 – 14:30** *TalTech Residential DC Innovation Hub. Dmitri Vinnikov, TalTech, Estonia*
- 14:30 – 15:30** **SUCCESS STORIES OF PEG: BOOSTING ESTONIA'S GLOBAL VISIBILITY**
- 14:30 – 14:50** *i³DC Initiative. Dmitri Vinnikov, TalTech, Estonia*
- 14:50 – 15:10** *TalTech Student DC Club. Alexander Rink, TalTech, Estonia*
- 15:10 – 15:30** *Memorable International Conferences and Workshops. Andrei Blinov, TalTech, Estonia*
- 15:30 – 18:00** **TEAM BUILDING EVENT.** *Coordinator: Alexander Rink, TalTech, Estonia*
- 18:00 – 19:00** *Dinner*
- 20:00 – 23:00** **EVENING RAP SESSION “PhD Stories from PEG Alumni and Friends”** *Moderator: Andrii Chub, TalTech, Estonia*

APRIL 18

- 10:00** *Bus departure from venue hotel*