



# ADVANCED POWER ELECTRONICS IN THE BALTIC SEA REGION **CONFERENCE**

25 Jan 2019

**Alsion 2, 6400 Sonderborg, DK**

# PROGRAMME

## 9.30 OPENING REMARKS

## 10.00 PLENARY SESSION

- Some aspects on implementation of SiC power components in an industrial power supply: Per Randstad, KTH Royal Institute of Technology
- Future prospects on GaN devices in the BSR: Robert Dwilinski, AMMONO
- Power electronics for renewable energy systems: Frerk Haase, HAW | Fraunhofer ISIT
- Comparison of IGBT and SiC power electronics in inverters for electric vehicle three phase electric traction motor: Kristaps Dambis, University of Latvia

## 12.00 Lunch

## 13.00 NETWORK SESSION

### Renewable Energy

- Introduction to topic: Juras Ulbikas, Applied Research Institute for Prospective Technologies
- Pilot results: Gains from GaN transistors in a H-bridge inverter with active power buffer: Jacek Rabkowski, Warsaw University of Technology
- Pilot results: Holger Kapels, Kiel University
- Pitch talk: Building integrated photovoltaics: Juras Ulbikas, Applied Research Institute for Prospective Technologies

## NETWORK SESSION CONTINUED

### E-Mobility

- Introduction to topic: Thomas Slivsgaard, Converdant A/S
- Pilot results: Thomas Slivsgaard, Converdant A/S
- Pitch Talk: Serguei Chiriaev, University of Southern Denmark

### Smart Houses

- Introduction to topic: Teresita Qvarnström, RISE Research Institutes of Sweden AB
- Pilot results: John Åkerlund, UPN Uninterruptible Power Networks AB
- Pitch Talk

## 15.30 PERSPECTIVES SESSION

- Introduction: Mietek Bakowski, RISE Research Institutes of Sweden AB
- Plenum moderator: Per Randstad, KTH Royal Institute of Technology

## 18.30 Dinner

Conference registration:

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## PLEASE NOTE

Reception and Opening Dinner take place on 24 January at 7 pm

