

Invitation to Danish-German PE:Region seminar:

INTELLIGENT GRID INTEGRATION, HIGH SPEED DRIVES, AND BATTERY CHARGING

Power electronics is a cross-cutting technology applied for efficient control and conversion of electric power in many applications. Growing demand for innovative power electronics products and solutions is expected due to electrification of energy systems and higher demand for energy efficiency.

On this background, an important objective of the Danish-German PE:Region project is to support power electronics innovation. The project develops three technology demonstrators for selected value chains in cooperation with industrial network partners:

#1: Intelligent grid integration of wind and sun	#2: Energy efficient, reliable and compact high speed drive	#3: High-power onboard bidirectional battery charger
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The seminar provides a status of the PE:Region demonstrator work and a possibility to discuss further development. In addition, a summary of related activities is provided.

PROGRAMME

1. Lunch, welcome and brief overview of the PE:Region project work [Ronald Eisele, FH Kiel / Gustav Nebel, Sønderborg Vækstråd]
2. Intelligent grid integration: PE:Region demonstrator #1 status and prospects [Xiang Gao, CAU]
3. High speed drive: PE:Region demonstrator #2 status and prospects [Tcai Anatolii, CAU]
4. Battery charger: PE:Region demonstrator # 3 status and prospects [Morten Nymand, SDU]
5. Conclusions

TIME AND PLACE

Thursday 27 June 2019
11:30 – 15:00
Fachhochschule Kiel
Conference room C13-1.02
Grenzstraße 3
DE-24143 Kiel

REGISTRATION

Participation is free of charge.
Registration deadline: 24 June

- German participants: info and registration to:
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- Danish participants: info and registration to:
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The workshop is organized by the PE:Region partners:

