

PE:Region- Cross-border power electronics

Organizer: PE:Region

PE:Region – Project introduction and overview of work

Jan Cornils, WT.SH GmbH

Intelligent grid integration of wind and sun energy

Rongwu Zhu, Christian-Albrechts-Universität zu Kiel

Topologies for high speed drives

Giorgo Kapino, SDU CIE, Mads Clausen Institute

Energy efficient, reliable, and compact high speed drive

Rongwu Zhu, Christian-Albrechts-Universität zu Kiel

A 20 kW high efficiency transformer for an on-board bidirectional battery charger

Rakesh Ramachandran, SDU Electrical Engineering, Mads Clausen Institute

Design and process steps of a power module with a novel substrate approach

Nils Nageler, Fachhochschule Kiel