

DESIGNING POWER ELECTRONICS AND ENERGY STORAGE SYSTEMS: CURRENT AND FUTURE TRENDS

Are you interested in design of power electronics and energy storage systems? Then join us at SDU in Sønderborg to hear about the latest technology trends and examples of regional Danish-German experiences in the field. We will also discuss opportunities for technology and business development in alignment with future trends.

PROGRAMME

- 09:00 Arrival, registration, coffee
- 09:30 Advances in Power Electronics and Energy Storage System Design – technology trends and potentials
[Thomas Ebel / Ramkrishan Maheshwari / Henrik Andersen, SDU]
- 10:30 Coffee
- 10:45 SiC in Drives - From Research to Volume Production
Wulf-Toke Franke, Lead Power Electronics Architect,
Danfoss Power Electronics and Drives A/S
- 11:15 Multiphysics Virtual Prototyping of Refrigeration Compressors: A System Perspective
Ole Bachmann-Schebel, Principal Motors and Drive /
Murakami Eric, Technology Development Sr. Director,
Motor Competence Center Holding Flensburg GmbH
- 11:45 Lunch, networking, poster
- 12:30 Development of new radio-frequency power electronics technologies
Benoît Bidoggia, Senior R&D power electronics engineer
Topsil GlobalWafers A/S
- 13:00 Power Electronics for Actuators: Key Challenges and Evolving Trends
Peter Gravesen, Senior Program Manager, LINAK A/S
- 13:30 Coffee
- 13:45 Workshop – Opportunities and possible strategic initiatives related to technology and business development within design of future power electronics and energy storage systems.
- 14:30 Miscellaneous and conclusion of workshop

TIME AND PLACE

Friday 23 January 2026
09:00 – 14:30
SDU Sønderborg
Alsion 2 – Room U101
DK-6400 Sønderborg

REGISTRATION

Please register for free [here](#)
by 19 January 2026 or
contact chba@sdu.dk

The event is organized by
the SmartPowerConversion
project partners:

