

DIGITALIZATION AS AN ENABLER FOR BETTER BATTERY PERFORMANCE AND SECOND LIFE APPLICATIONS

Come join us at Alision in Sønderborg for a seminar/workshop on battery technology. Focus is on digitalization that can help improve battery performance and enhance second use. You gain insights into digitalization potentials and tools, while learning about experiences with battery use and digitalization perspectives. Finally, we discuss design of a battery technology demonstrator within the frames of the SmartPowerConversion project.

PROGRAMME

- 12:00 Lunch, welcome, presentation of participants.
[Kasper Paasch, SDU]
- 12:30 Potentials of digitalization for improved battery application, and use of data management and artificial intelligence as powerful tools in the battery sector
[Henrik Andersen / Kun Qian, SDU]
- 13:00 E-ferry Ellen – first-mover experiences with fully electric large ferry, and a look into a more digital future
[Henrik Hagbarth Mikkelsen, Marstal Navigationsskole]
- 13:30 Mobile battery power supply for auxiliary applications – experiences and digitalization perspectives
[Christian Dethlefsen, LEAB Automotive GmbH]
- 14:00 Break
- 14:30 Know the true state of your battery by means of spectrometry and artificial intelligence
[Christoph Weber, Heimdalytics GmbH]
- 15:00 SmartPowerConversion Battery Demonstrator: Interactive workshop on demonstrator work focusing on digitalization to enable better battery performance and second life use:
- Vision, purpose and fields of application
 - Design of demonstrator
 - Interaction with industrial network partners
- [Henrik Andersen / Kun Qian, SDU]
- 15:55 Miscellaneous and conclusion of ordinary meeting
- 16:00 Optional: visit in the battery laboratory at SDU, Centre for Industrial Electronics

TIME AND PLACE

Thursday 19 September 2024
12:00 – 16:00
SDU - CIE
Alision 2 – Room M301
DK-6400 Sønderborg

REGISTRATION

Please register via [this link](#) by 16.09. To accept the Outlook invitation is not enough.

Further information:

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The seminar is organized by the SPC project partners:

