

# SEC Workshop Theme (3) Energy Storage

9 October 2024

## LOCATION

RISE / SEEL Hus 1 Da Vinci

Brinellgatan 4

50 115 Borås

Host: Lars Fast / Martin GH Gustavsson

## PROGRAM

08:45-09:15 Coffee

09:15-09:30 Welcome by Martin GH Gustavsson (15 min)

09:30-09:50 Swedish electromobility and battery safety

Daniel Brandell, Uppsala University (15 min + 5 min Q)

09:50-10:25 Non-harmonized EV safety regulations: a challenge for OEMs

Annika Ahlberg Tidblad, Volvo Cars AB (30 min + 5 min Q)

10:25-11:00 A critical review of methods and results from vent gas studies on Li-ion batteries

Elna Heimdal Nilsson, Lund University (30 min + 5 min Q)

11:00-12:00 Visit to SEEL battery safety lab by Magnus Ling (60 min)

12:00-13:00 LUNCH

13:00-13:35 Energy flow through thermal runaway propagation

Yang Yang, Scania (30 min + 5 min Q)

13:35-14:10 Thermal runaway evaluation of battery cells

Ola Willstrand, RISE (30 min + 5 min Q)

14:10-14:45 Heterogeneous ageing – what does it mean for lifetime and safety?

Matthew Lacey, Scania (30 min + 5 min Q)

14:45-15:15 COFFEE

15:15-15:35 Ongoing and future battery safety research at RISE

Jonna Hynynen, RISE AB (15 min + 5 min Q)

15:35-15:50 The RISE fault analysis lab – Anna Larsson

15:50-16:00 Summery and thank you