

PROGRAM

E-mobility 2024 Day

27 AUGUST

12:00–13:00 LUNCH

13:00–13:20 Welcome
KLAAS BURGDORF – Swedish Energy Agency

13:20–14:35 Theme 3, Energy Storage
CHANGFU ZOU
Thermal modelling and fault prognosis for Li-ion battery systems
BJÖRN ERIKSSON
Evaluation and optimization of materials for ITPEMFC

14:35–15:05 COFFEE BREAK

15:05–16:20 Theme 1, Intelligent Vehicles & Systems
JONAS FREDRIKSSON
On range estimation under uncertainties
LORENZO MONTALTO
Charging and trip planning of electric vehicles
MAX JOHANSSON
Thermal systems and management of electrified vehicles

16:20–17:00 Theme 5 (part one), Vehicle–Grid Interaction
MARTINA MARTINS MATTOS
Dansmästaren Project. A Status Update

18:00–18:30 Mingel

18:30–21:00 Dinner

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08:30–08:35 GOOD MORNING

08:35–09:15 Theme 5 (part two), Vehicle–Grid Interaction
JONAS HELLGREN
Cost & Benefit Analysis of V2G Scenarios

09:15–10:30 Theme 4, Environment & Society
KRISTINA HOLMGREN
Resource-Effective Batteries and Charging for BEVs
JEANETTE ANDERSSON
Data REGulation And electroMobility (DREAM)
MATS GUSTAVSSON
Tyre wear and particle emissions of electric vehicles – a review of test methods and influencing parameters

10:30–11:00 COFFEE BREAK

11:00–12:15 Theme 2, Electric Drives & Charging
SONJA LUNDMARK
Testing, Analysis and Design of Axial Flux Motors for Vehicle Applications
LISELOTT ERICSSON
Electric motor + hydraulic pump fusion for electrification
SANDRA ERIKSSON
Design of rare earth element free motors for electromobility

12:15–12:20 Closing remarks

12:20–13:20 LUNCH