

# PROGRAM

# E-mobility20 Day23

## WELCOME RECEPTION DINNER on 29 AUGUST

18:15 MINGLE – LOCATION: KISTA ENTRÉ  
19:00 DINNER  
21:30 END

## E-MOBILITY DAY on 30 AUGUST

### 08:30 REGISTRATION

09:00 Welcome  
Moderator  
SEC Introduction – Linda Olofsson

09:10 **THEME 5**  
**CHRISTOFFER AALHUIZEN, SEC PhD student**  
*High power charging: when, where and how*  
**YUKI KOBAYASHI, SEC PhD student**  
*Logging of electric vehicles – characterization of charging patterns and grid impact*

### 10:10 COFFEE

10:40 **THEME 4**  
**JORGE GUTIERREZ, SEC PhD student**  
*Business models for electrified logistics*  
**MY JOBRANT, SEC PhD student**  
*E-Charge – Towards sustainable logistic systems with electrification*  
**REEMA BERA SHARMA, SEC theme researcher**  
*Fossil-free long-haul trucks in Europe*  
**PEDRO ANCHUSTEGUI, SEC PhD student**  
*Life cycle assessment of vehicle-to-x*

11:40 **THEME 3**  
**MARIO VALVO, SEC theme researcher**  
*Challenges and opportunities of Li-based solid-state batteries*  
**MARCUS RINGSTRÖM, SEC PhD student**  
*Fuel cell performance prediction*

### 12:20 LUNCH

13:50 **THEME 3 (cont'd)**  
**CASIMIR MISIEWICZ, SEC PhD student**  
*Elucidating performance-limiting side reactions in Li-ion cells with OEMS*

14:10 **THEME 2**  
**TORBJÖRN THIRINGER, SEC project manager**  
*Investigation of winding configuration and leakage inductance in electrical machines*  
**SAMUEL ESTENLUND, SEC PhD student**  
*Additive manufacturing of stator windings of heavy-duty trucks*

### 15:10 COFFEE

15:40 **THEME 1**  
**ROBIN HOLMBOM, SEC theme researcher**  
*Planning support for electric vehicles based on optimal control*  
**LARS ERIKSSON, SEC project manager and theme leader**  
*Lessons learned from the ECCV control benchmark*  
**LUIGI ROMANO, SEC theme researcher**  
*The operating cycle representation of road transport missions*

16:40 **CLOSING REMARKS**

16:45 **END**



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WELCOME

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