



# Roads<sup>to the</sup> Future**2021**

**26 October, 2021**

**UPPSALA CONCERT & CONGRESS HALL  
08:00-17:00**

Roads to the Future shines a light on the latest research and cutting-edge technology within the field of electromobility. For the 2021 conference we will highlight topics on the theme "Charging from all perspectives".

## Keynote Speakers



Dr. Keith Hardy



Dr. Giorgio Rizzoni



Dr. Rachid Yazami



Dr. Anna Teysot

# Roads<sup>to</sup><sub>the</sub> Future2021

08:00 REGISTRATION

Coffee and sandwich

09:00 Welcome

Moderator Anders Ådahl

SEC Introduction – Linda Olofsson

09:15 **KEYNOTE SPEAKER Rachid Yazami**

Non-linear voltammetry (NLV): A disruptive route for ultra-fast battery charging.

09:55 **Viktor Larsson**

Range estimation and trip planning for battery electric vehicles

10:20 COFFEE

10:45 **KEYNOTE SPEAKER Anna Teyssot**

European Gigafactories: Market drivers and innovation opportunities

11:25 **Damien Frost**

No Joule Left Behind: Using power electronics to get the most out of large batteries

11:50 Panel discussion

12:10 LUNCH

13:30 **KEYNOTE SPEAKER Giorgio Rizzoni**

Battery life and second life estimation – data- vs model-based estimation methods

14:10 **Kristina Edström**

Battery roadmaps, visions for road transports

14:35 **Patrick Plötz**

The Future of Charging Infrastructure for Electric Trucks

15:00 COFFEE

15:20 **KEYNOTE SPEAKER Keith Hardy**

Vehicle-Grid Integration – Programmatic Direction, Issues and Enabling Technologies

16:00 **Sture Portvik**

Electrification of transport, the Oslo way

16:25 Panel discussion

16:50 Closing remarks

17:00 END

## **Welcome**

to SEC's biennial, international electromobility conference Roads to the Future.

Roads to the Future shines a light on the latest research and cutting-edge technology within the field of electromobility. For the 2021 conference we will highlight topics on the theme "Charging from all perspectives".

The conference brings together researchers, students, and professionals from all over the world to promote an enthusiastic and collaborative approach, and to share knowledge across borders and fields of interest within the scientific community as well as the electromobility industry.

Join us for a day of networking and learning.

## **Dinner**

Don't miss the follow-up dinner in the evening for a chance to enjoy some good food, good conversation, and to get to know like-minded people.

19:00 - three course dinner at Restaurant Hyllan in Uppsala

(We will adapt the conference to any Covid-19 restrictions in place at the time of the event.)



Swedish  
Electromobility  
Centre