



# FRENCH-SWEDISH CONFERENCE ON BATTERIES

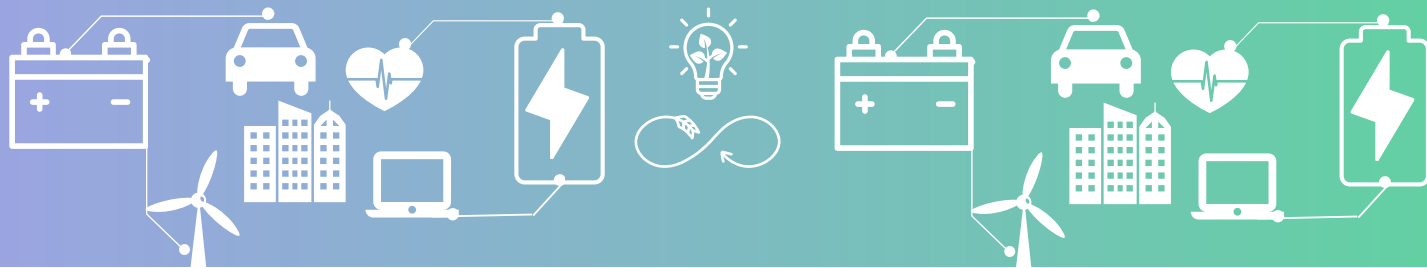
Jointly organised by  
Uppsala University and the French Embassy

UPPSALA UNIVERSITY, SWEDEN  
OCTOBER, 7TH AND 8TH, 2024



FR\_SE  
INNOVATION  
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# French-Swedish conference on batteries · 7-8 October 2024

Location: Ångström building (Uppsala University)

## Provisional programme

### Day 1- Monday, October 7th 2024

#### 10:30-12:00: Possibility of visiting laboratories in Uppsala (optional)

- "Ångström Advanced Battery Centre"
- The BASE competence centre

#### 12:00-13:00: Check in and welcome lunch

#### 13:00-13:15: Opening speeches

- **Coco Norén**, Deputy Vice-Chancellor of Uppsala University, Chair of AFSR
- **French Ambassador to Sweden**

#### 13:30-14:45: New methods, materials and battery technologies

Chair: **Kristina Edström**, Department of Chemistry, Ångström Laboratory, Uppsala University

- **13:30: Laurence Croguennec**, ICMB Bordeaux, CNRS, "*Innovations in material chemistry for the development of the Na-ion technology*"
- **13:45: Patrik Johansson**, Chalmers University of Technology, "*Multivalent batteries: Prospects and Challenges*"
- **14:00: Kerstin Forsberg**, Professor in Chemistry, KTH, "*Chemical engineering challenges and opportunities to close the loop in battery production and recycling*"
- **14:15: Q&A session**

#### 14:30-15:00: Break

#### 15:00-16:15: Advanced measurements and use of major research infrastructures for battery R&D

Chair: **Christian Masquelier**, Professor in Chemistry, UPJV Amiens

- **15:00: Sandrine Lyonnard**, CEA, "*Multimodal characterisation of batteries by synchrotron and neutron techniques*"
- **15:15: Maria Hahlin**, Uppsala University, "*Operando X-ray Spectroscopy on Battery Materials*"
- **15:30: Aleksandar Matic**, Chalmers University of Technology, "*Looking into batteries: operando tomography*"
- **15:45: Robert Temperton**, MAX IV
- **16:00: Q&A session**

#### 16:15-16:30: Break

#### 16:30-17:45: Panel discussion: Opportunities and Challenges for European Cell Manufacturing, Mobility and Grid Applications

Moderator: **Bo Normark**, Industrial Strategy Executive EIT InnoEnergy

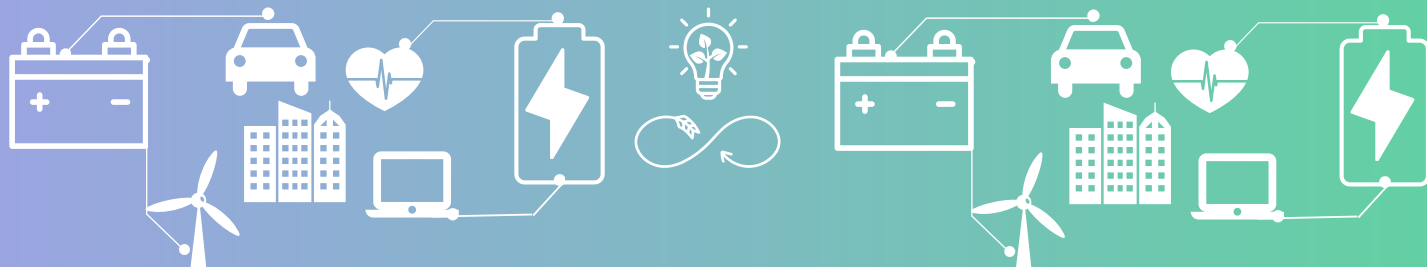
- **Gilles Moreau**, Chief Innovation Officer, Verkor
- **Laetitia Prot**, Managing Director Neoen Sweden
- **Henrik Svenningstorp**, CEO, Swedish Electric Transport Laboratory (SEEL)
- **Elna Holmberg**, VP Electromobility, Volvo group
- **Ilka von Dalwigk**, CEO, Recharge

#### 17:45-18:00: Presentation of the actions of the French Institute to Sweden within Research and Higher Education

- **Yan Pautrat**, Attaché for Science and Higher education, French Embassy in Sweden

#### 18:00-19:00: Poster session (Young Investigator Award)

#### 19:00-21:00: Buffet dinner



# French-Swedish conference on batteries · 7-8 October 2024

Location: Ångström building (Uppsala University)

## Provisional programme

### Day 2- Tuesday, October 8th 2024

#### 08:30-08:45: Welcome and registration

#### 08:45-09:00: Opening speeches

- **Greger Ledung**, Swedish Energy Agency, *"The challenges with a battery eco system to the benefit of the society"*

#### 09:00-10:15: Session on Solid state batteries and industrialisation

Chair: **Sandrine Lyonnard**, CEA

- **09:00: Michel Armand**, CIC EnergiGUNE, *"Polymer electrolytes, a common Franco-Swedish goal"*
- **09:30: Tim Nordh**, ALTRIS, *"From science to the reality"*
- **09:45: Q&A session**

#### 10:15-10:45: Break

#### 10:45-11:00: PEPR - a large scale French battery research initiative / BASE - a Swedish competence center

- **Sandrine Lyonnard**, CEA
- **Daniel Brandell**, Professor in Materials Chemistry, Uppsala University

#### 11:00-12:00: Franco-Swedish round table discussion on training and skills

Chair: **Daniel Brandell**, Professor at department of Chemistry, Uppsala University

- **Christian Masquelier**, Professor in Chemistry, LRCS, UPJV Amiens
- **Stefan Christiernin**, Head of Engineering Research, Volvo Cars
- **Aleksandar Matic**, Professor in Physics, Chalmers University of Technology
- **Rakel Wreland-Lindström**, Division of Applied Electrochemistry, KTH

#### 12:00-12:20: Energy footprint, residual heat and battery production

- **Christophe Duwig**, KTH, AFSR, *"Energy footprint, residual heat and battery production"*

#### 12:20-12:35: Conclusions and perspectives

- **Kristina Edström**, Professor of Inorganic Chemistry at Uppsala University
- **Yan Pautrat**, Attaché for Science and Higher education, French Embassy in Sweden

#### 12:35-13:45: Lunch

The conference is free of charge and all presentations will be in English.

Any questions on the event? Contact us:

- Embassy of France in Sweden ([science@ifsuède.com](mailto:science@ifsuède.com))