

Solid-state battery workshop – 2021

October 2021, Belgium

About the workshop

Solid-state battery workshop fostering efforts to advance energy storage and display functional solid-state batteries. This workshop will provide the participants with insights to current all solid-state technology trends on cell design and assembly, prototyping, raw materials, slurries, electrodes to production and electrochemical characterization etc.

Workshop is designed for

- New technology startups
- Pack assemblers
- Energy storage/Power R&D engineers
- Battery manufacturer
- Academic researchers
- Automotive sector & supply chain
- Chemical industry manager
- Other industry members

Key benefits -

- Practical session to learn about all solid-state cell production steps
- Supporting lectures on the practical session, technology, processes, machinery and market
- Updates about the latest technology market trends in solid-state batteries

Workshop location

Ransbeekstraat 310, 1120 Brussels

Fees & Registration (Copy of ID is required)

Industrial participation: €1,000 + VAT

Academic participation: € 750 + VAT

Online participation: € 500 + VAT

10% discount for 2+ group attendees. The number of participants is limited. The registration fee includes hard copy print out of all workshop presentations, lunch, refreshments and excludes dinner.

Registration confirmation is subject to payment being received www.abeegroup.com. Once payment is received, the transaction records can be viewed/printed online.

Program topics

Technology overview – Cell design – Slurry preparation – Material handling – Coating process – Electrolyte filling – Cell assembly – Prototyping Customizing batteries – Cell characterization

Workshop Highlights

This event is an excellent opportunity to network across the entire supply chain – bring together representatives from SSB manufactures

Schedule

8:30 – 8:45	Registration desk
8:45 – 9:00	Welcome note
9:00 – 9:45	Introduction to all solid-state batteries
9:45 – 10:30	SSB principles, progress and challenges
10:30 – 10:45	Coffee break & networking
10:45 – 11:30	Solid polymer electrolytes
11:30 – 12:15	Interfacial challenges in SSBs
12:15 – 1:00	Lunch
1:00 – 1:45	Beyond Li-ion solid-state batteries
1:45 – 2:30	SSB cell design, manufacturing & upscaling
2:30 – 2:45	Coffee break & networking
2:45 – 3:30	Requirements and challenges for large-scale production of SSBs
3:30 – 4:15	Process chains for the production of all SSBs
4:15 – 4:45	Summary & conclusions

Day 1: Program agenda

Day 2: Program agenda

8:30 – 8:45	Coffee & Refreshment
8:45 – 9:30	Safety regulations referring to SSBs
9:30 – 10:30	Equipment for all solid-state cell testing
10:30 – 10:45	Coffee break & networking
10:45 – 11:30	In-situ characterization methods
11:30 – 12:15	State of health monitoring
12:15 – 1:00	Lunch
1:00 – 2:30	Training: Slurry – Coating – Cell assembly
2:30 – 4:00	Hands-on characterization techniques for battery
4:00 – 4:30	Potentials of all solid-state technology
4:30 – 5:00	Wrap-up (Summary & conclusions)

Enquires & Assistance: Please visit our website www.abeegroup.com for more information