

1st European Hands-On HV Battery Development Seminar

AVL



Shmuel De-Leon
Energy Ltd

This hands-on seminar covers the current state of the art of battery technology and provides insight from industry project experience by SDL and AVL – two well-known players in the EV & ESS world. It focuses on the technology, design, prototype manufacturing and validation methodology of rechargeable EV batteries. In practical sessions, battery prototype assembly, simulation, testing, and characterization will be explained in depth and hands-on.

The seminar takes place on site at AVL in Graz, Austria featuring theoretical sessions as well as practical lab trainings and tours. Special offer: participants receive free trial licenses of the SW tools presented – covering virtual battery analysis and simulation.

If desired, trainings can also be arranged on site in your facilities. Please contact us for more information.

Key Benefits

- Theoretical & practical sessions to learn about EV / ESS battery technology
- Direct insight into the AVL benchmarking room, prototype assembly shop and test center
- Hands-on demonstration of current SW solutions for virtual battery analysis and simulation
- Supporting lectures with practical sessions about technology and processes
- Updates on latest technology trends in EV rechargeable batteries

Who Should Attend?

- Battery & Electrochemistry Industry Members (OEM and Tiers, Manufacturers, Suppliers)
- Battery Test Institute Members
- Battery Material Makers Members
- Battery Manufacturing Equipment Makers
- New Technology Startups
- Potential Investors in lithium technology
- Academic Researchers

Seminar Topics

- Battery Essentials
- Rechargeable cells and battery packs
- Battery Safety
- Battery Design
- Beyond Li-Ion Battery Technologies
- EV Cell selection
- EV Batteries/Modules Design & Engineering
- Benchmark Room tour
- EV Batteries/Modules Simulation & Testing
- EV Batteries/Modules prototype manufacturing & production processes
- Facility tour – Prototype assembling & welding shop
- EV Battery testing facilities tour



Schedule

June 24-25 2024

Location

Hans-List-Platz 1
8020 Graz
Austria

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Program

Day 1: Monday, June 24, 2024

08:00 – 08:30	Registration, Coffee and Networking
08:30 – 08:45	Welcome, Introduction and Opening Remarks <i>Shmuel De-Leon</i> <i>Andreas Braun</i>
08:45 – 10:15	Battery Essentials <i>Shmuel De-Leon</i>
10:15 – 10:30	Morning Break
10:30 – 12:00	Rechargeable cell and battery packs <i>Shmuel De-Leon</i>
12:00 – 13:30	Lunch in Conference Area
13:30 – 15:00	Facility Tour – Prototype Assembling and Welding Shop <i>Hubert Thum</i>
15:00 – 15:30	Battery Pack Design Basics <i>Shmuel De-Leon</i>
15:30 – 15:45	Afternoon Break
15:45 – 17:15	Battery Safety <i>Shmuel De-Leon</i>
18:30 – 20:30	Dinner and Networking

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Program

Day 2: Tuesday, June 25, 2024

08:00 – 08:30	Coffee and Networking
08:30 – 09:30	AVL Group Introduction and Battery Engineering Practice <i>Andreas Braun</i>
09:30 – 10:30	Virtual Development of EV and ESS: el./ mech./ thermal Live Demo of Simulation Solutions and Tutorial <i>Jürgen Schneider</i>
10:30 – 10:45	Morning Break
10:45 – 12:00	Exhibition and Discussion in the Benchmarking Showroom <i>Andreas Braun</i>
12:00 – 13:30	Lunch in Conference Area
13:30 – 15:00	Cell, Module and Battery Testing Facility Tour <i>Gernot Reiner</i>
15:00 – 15:45	Outlook: Beyond Li-Ion Battery Technologies <i>Shmuel De-Leon</i>
15:45 – 16:30	Q&A and Summary <i>All</i>
16:30	End of Seminar

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Seminar Pricing and Registration

Registration

Commercial Registration **\$ 2000**

Academic and/or Governmental employee registration* **\$ 1000**

**Full time students only. Copy of Academic Institute ID / or Government employee ID is required*

Pricing includes

1. Soft Copy of all presentation except the market report presentation
2. Continental breakfast, lunch and refreshments for both days
3. Dinner on the first evening

Cancellation of registration

Written notice only will be accepted

*Until May 24, 2024 - 50% refund
From May 25, 2024 – No refund*

Payment

Registration cost can be paid by credit card via PayPal in USD (no need for PayPal account):

- [Link for commercial registration](#) with credit card including 4.3 % PayPal commissions
- [Link for academic and/or government employee](#) with credit card including 4.3 % PayPal commission

Or by wire transfer to our bank account (Customer should add the wire transfer commission)

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BEN NAME: SHMUEL DE_LEON ENERGY LTD

ACC. NO: 621046
IBAN: IL40 12626000000621046

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Seminar Pricing and Registration

Remarks

** In case that the seminar will have to be cancelled due to force majeure, due to speaker's preventions or due to lack of participants, the participants will be informed accordingly no later than 7 days before the event. The seminar fee will be refunded in this case.*

** Organizers has the right to decline registration because of any business reason.*

Contact Person for registration

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