



2nd European Hands-On HV Battery Development Seminar, Wednesday – Thursday, January 21-22, 2026

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 for the SW tools presented – covering virtual battery analysis and simulation. If desired, training can also be arranged on site in your facilities. Please contact us for more information.

Key Benefits - The seminar provides:

- 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
- Other Industry Members



Seminar Program Topics

- Battery Essentials
- Rechargeable cells and battery packs
- Battery Safety
- Battery Design
- 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

2nd Seminar Schedule

January 21-22, 2026

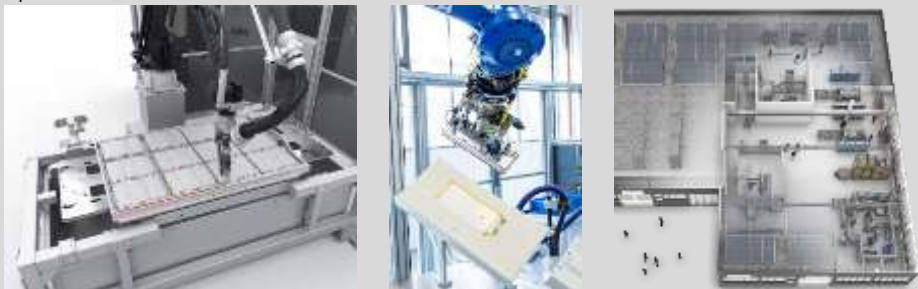
Seminar Location

Hans-List-Platz 1,
8020 Graz, Austria



Presented by AVL and Shmuel De-Leon Energy

Day 1 – Wednesday, January 21, 2026

8:00 - 8:30	Registration, Coffee, and Networking
8:30 - 8:45	Welcome, Introduction and Opening Remarks Speaker Introductions Shmuel De-Leon / Andreas Braun
8:45 - 10:15	Battery Essentials Shmuel De-Leon
10:15 - 10:30	Morning Break
10:30 - 12:00	Rechargeable cell and battery packs Shmuel De-Leon
12:00 - 13:30	Lunch in Conference Area
13:30 - 15:00	Facility tour – Prototype Assembling and Welding Shop Speaker TBD 
15:00 - 15:30	Battery Pack Design Basics Shmuel De-Leon
15:30 - 15:45	Afternoon Break
15:45 - 17:15	Battery Safety Shmuel De-Leon
18:30 - 20:30	Dinner – Optional



Day 2 – Thursday, January 22, 2026	
8:00 - 8:30	Coffee and Networking
8:30 - 9:30	AVL Group Introduction & Battery Engineering Practice Speaker - TBD
9:30 - 10:30	Virtual Development of EV & ESS: el. / mech. / thermal Live Demo of Simulation Solutions & Tutorial Jürgen Schneider
10:30 - 10:45	Morning Break
10:45 - 12:00	Exhibition and Discussion in the Benchmarking Showroom Tom Horvat
12:00 - 13:30	Lunch in Conference Area
13:30 - 15:00	Cell, Module & Battery Testing Facilities Tour Speaker - TBD 
15:00 – 15:30	Q&A and Summary of Seminar All
15:30	End of Seminar



Seminar Pricing and Registration

Registration

[Commercial Registration:](#) \$2000

[Academic and/or Government employee registration*](#): \$1000

* Full-time students only. Copy of Academic Institute ID is required, Government employee ID.

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 January 1 – 50% refund

From January 2 – No refund

Payment:

Registration costs 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 commission

Link for Academic and/or Government employees with credit card including 4.3% PayPal commission.

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

Bank details

Bank Hapoalim

Hod-Hasharon BRANCH NO-626

Derech- Hasharon 69, Hod-Hasharon

ISRAEL

SWIFT CODE: POALIT

BEN NAME: SHMUEL DE-LEON ENERGY LTD

ACC.NO 621046

IBAN IL400126260000000621046

Remarks:

* In case the seminar must be cancelled due to force majeure, due to the 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 have the right to decline registration because of any business reason.



Contact Person for registration:

Shmuel De-Leon

CEO

Shmuel De-Leon Energy, Ltd

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