

## Information

*This hands-on seminar covers the current state of the art of battery technology and provides insight from industry project experience by Shmuel De-Leon Energy Ltd 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 and 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 and 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 Topics

- Battery essentials
- Rechargeable cells and battery packs
- Battery safety
- Battery design
- Technologies
- EV cell selection
- EV batteries / Modules design and engineering benchmark room tour
- EV batteries / Modules simulation and testing
- EV batteries / Modules prototype manufacturing and production processes
- Facility tour – Prototype assembling and welding shop
- EV battery testing facilities tour

## Schedule

Day 1: June 30, 2025  
Day 2: July 1, 2025

## Location

Hans-List-Platz 1  
8020 Graz  
Austria

# 2<sup>nd</sup> European Hands-On HV Battery Development Seminar



## Information

Shmuel De-Leon  
Energy Ltd 

Monday, June 30, 2025

08:00 – 08:30	<b>Registration, Coffee, and Networking</b>
08:30 – 08:45	<b>Welcome, Introduction and Opening Remarks</b> <b>Speaker Introductions</b> Shmuel De-Leon / Tom Horvat
08:45 – 10:15	<b>Battery Essentials</b> Shmuel De-Leon
10:15 – 10:30	<b>Morning Break</b>
10:30 – 12:00	<b>Rechargeable Cell and Battery Packs</b> Shmuel De-Leon
12:00 – 13:30	<b>Lunch in Conference Area</b>
13:30 – 15:00	<b>Facility Tour – Prototype Assembling and Welding Shop</b> Hubert Thum
15:00 – 15:30	<b>Battery Pack Design Basics</b> Shmuel De-Leon
15:30 – 15:45	<b>Afternoon Break</b>
15:45 – 17:15	<b>Battery Safety</b> Shmuel De-Leon
18:30 – 20:30	<b>Dinner (Optional)</b>

# 2<sup>nd</sup> European Hands-On HV Battery Development Seminar



Shmuel De-Leon  
Energy Ltd 

## Information

Tuesday, July 1, 2025

08:00 – 08:30	<b>Coffee and Networking</b>
08:30 – 09:30	<b>AVL Group Introduction and Battery Engineering Practice</b> Tom Horvat
09:30 – 10:30	<b>Virtual Development of EV / ESS: el. / mech. / thermal</b> <b>Live Demo of Simulation Solutions and Tutorial</b> Jürgen Schneider
10:30 – 10:45	<b>Morning Break</b>
10:45 – 12:00	<b>Exhibition and Discussion in the Benchmarking Showroom</b> Tom Horvat
12:00 – 13:30	<b>Lunch in Conference Area</b>
13:30 – 15:00	<b>Cell, Module and Battery Testing Facilities Tour</b> Gernot Reiner
15:00 – 15:30	<b>Q&amp;A and Summary of Seminar</b> All
15:30	<b>End of Seminar</b>

## Seminar Pricing and Registration

### Registration

<b>Commercial Registration</b>	<b>\$ 2,000</b>
<b>Academic and/or Governmental employee registration*</b>	<b>\$ 1,000</b>

*\*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 30, 2025 – 50 % refund*

*From June 1, 2025 – 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 commissions).*

#### Bank details

Bank Hapoalim  
Hod-Hasharon BRANCH NO-626  
Derech- Hasharon 69, Hod-Hasharon  
ISRAEL

SWIFT CODE: POALILIT  
BEN NAME: SHMUEL DE-LEON ENERGY LTD

ACC.NO 621046  
IBAN IL40012626000000621046

### 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

Shmuel De-Leon  
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