**1st EV Battery Design and Production Seminar, August 3-4, 2020**

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| This seminar focuses on the technology, design and manufacturing of rechargeable EV Batteries. In practical sessions, battery assembly will be performed in hands-on training, test and characterization. The lecture program gives insights into the latest EV Battery technology trends for materials and manufacturing equipment as well as state-of-the-art process technologies.The seminar takes place on site at American Battery Solutions Technical Center in Lake Orion, MI, USA. ( 1 hour drive from Detroit Airport).**Key Benefits****The seminar provides** Theoretical & Practical sessions to learn about EV Battery production steps Direct insight into a state of the art EV Battery production line Supporting lectures with practical sessions technology, processes and machinery Updates on latest technology trends in EV rechargeable batteries**Who Should Attend?**  Battery & Electrochemistry Industry 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
* EV Market
* E-Bus and E-Marine Battery Markets 2019-2020
* EV Cell selection
* EV Batteries/Modules Design and Engineering
* EV Batteries/Modules Testing
* EV Batteries/Modules manufacturing
* Facility tour – Pilot EV Battery Module and Packs manufacturing line
* EV Battery testing facilities tour

**1st Seminar Schedule**August 3-4, 2020**Seminar Location**American Battery Solutions3768 S Lapeer RdLake Orion, Michigan 48359 USA |

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| Presented by American battery Solutions and Shmuel De-Leon Energy Day 1 – Monday, August 3, 2020 |
| 8:00-8:30 am | Registration, Continental Breakfast, and Networking |
| 8:30-8:45 am | IntroductionWelcome, Introduction and Opening RemarksSpeaker Introductions  |
| 8:45-9:45 am | Battery Essentials**Shmuel De-Leon** |
| 9:45-11:00 am | Rechargeable cell and battery packsShmuel De-Leon |
| 11:00-11:15 am | Morning Break |
| 11:15-12:45 am | **Battery Safety**Shmuel De-Leon |
| 12:45-1:45 pm | Lunch in Conference Area |
| 1:45-2:15 pm | **Battery Pack Design**Shmuel De-Leon |
| 2:15-3:15pm | EV MarketShmuel De-Leon |
| 3:15-3:30 pm | Afternoon Break |
| 3:30-4:30 pm | E-Bus battery marketShmuel De-Leon |
| 4:30-4:45 pm | Facility Safety Training**Peter Buccilli** |
| 4:45-6:30 pm | Break and transition to Dinner in a nearby restaurant |
| 6:30 pm-8:30 pm | Dinner and Networking |

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| Day 2 – Tuesday, August 4, 2020 |
| 8:00-8:30 am | Continental Breakfast and Networking |
| 8:30-9:30 am | EV Cells selectionDr. John Warner / Erik Anderson |
| 9:30-11:00 am | EV Battery modules and battery packs engineeringDr. John Warner / Josh Payne |
| 11:00-11:15 am | Morning Break |
| 11:00-12:00 am | EV Battery modules and battery packs testing Erik Anderson |
| 12:00-12:45 pm | Lunch in Conference Area |
|  12:45-1:45 am | **EV Battery manufacturing**Dr. John Warner |
| 1:45-2:45 am | Facility tour – Pilot EV battery modules and battery pack manufacturing lineDr. John Warner /Peter Buccilli |
| 2:45-3:45 pm | Facility tour – Pilot EV battery modules and battery pack Testing Dr. John Warner / Erik Anderson |
| 3:45-4:30 pm | Q&A and Summary of Seminar**All** |
| 4:30 pm | End of Seminar |

**Seminar Pricing**

**Registration**

Commercial Registration: $3000 + VAT

Academic and Government employee registration\*: $1500 + VAT

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

10% discount for 3+ group attendees.

The number of participants is limited.

Pricing includes:

1. Hard copy print-out of all presentation except the market report presentation. The attendants will not get a copy of the two market reports that will be presented by Shmuel De-Leon at the seminar. The participants will be able to purchase a copy with 25% discount.
2. Continental breakfast, lunch and refreshments for both days
3. Dinner on the first evening

Booking is concluded after receiving confirmation from ABS that they have received Payment and a signed copy of the Event Registration and Liability form.

**Cancellation of registration**:

Written notice only will be accepted:

                                    Until July 3rd, 2020 – 50% refund

                                    From July 4th , 2020 – No refund

**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.

**Contact Person for registration:**

Erika Warner

Marketing Specialist

American Battery Solutions

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**Registration Form**

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| Company\* |
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| First Name\* | Last Name\* |
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| Title |
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| City\* | Zip Code\* |
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| Street\*  | Country\* |
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| Phone\* | Mobile |
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