EUEC 2020: the 23rd Annual Energy, Utility & Environment Conference will be held concurrently with CHARGE & TE EXPO on April 20-21, 2020 at the Convention Center, San Diego, California.
- USA’s largest professional networking and educational event of its kind
- 1,500 attendees, 400 speakers and 200 exhibits

Speakers and exhibitors from the successful EUEC 2019, Charge Expo and TE-Expo events held in 2019, are invited and given first priority in the 2020 program.

This Program Guide provides the schedule for 2020 using the format of presentations made at EUEC, Charge and TE-Expo in 2019. Confirmed speakers for 2020 program are shown in red.

**Conference Technical Tracks (7:30 am to 12 pm)**

EUEC has nine technical tracks (A to I), CHARGE & TE-EXPO has four technical tracks (J to M) The technical tracks will be held with three sessions each day 8 am to 10 am; 10 to 12 pm and 2 pm to 4 pm

**Exhibits & Receptions (11 pm to 6 pm)**

The Exhibits for EUEC, Charge Expo & TE-EXPO are held concurrently, in the 100,000 sq.ft. Sails Pavilion of the San Diego Convention Center.

DEDICATED AND EXPANDED NETWORKING EXHIBIT HOURS

**2-Day Exhibit Show Hours**
- Sun. Setup 12 pm to 6 pm
- Mon. April 20 11 am to 6 pm
- Tues. April 20 11 am to 6 pm
- Tues. April 20 6 pm Tear Down

**Network Receptions**
- Lunches in Exhibit Hall 11:30 am to 1:30 pm
- Receptions in Exhibit Hall 4 pm to 6 pm

KEYNOTE HELD DURING LUNCH & MARKETING PRESENTATIONS AT RECEPTIONS

EUEC CHARGE & TE-EXPO provides speaking and exhibit opportunities for suppliers, OEMs, consultants to showcase advanced technologies and strategies and network in the exhibit hall during lunch and reception in the exhibit hall.
MISSION STATEMENT
EUUC facilitates information exchange and fosters cooperation between industry, government, and regulators for the protection of our environment and energy security.
TUESDAY APRIL 21 | 7:30AM - 9:30AM

J1. CUSTOMER AND DATA TO DRIVE EV INFRASTRUCTURE
Jay Goldman, Chief Sales Officer, Reconnaissance

J2. COST REDUCTION FOR LI-ION BATTERY THERMAL MANAGEMENT
Michael Berman, VP Business, MOEV Inc

J3. THE ELECTRIFICATION OF COMERCIAL TRANSPORTATION
Kevin Kelly, Director of Programs, New Eagle; Co-Author; Eric MacLeod, Chip Soeder

J4. EQUIPMENT AVAILABILITY ISSUES OF PUBLIC INFRASTRUCTURE
Edward Burgess, Policy Director, Landscape and Best Practices

J5. VEHICLE GRID INTEGRATION: CA MARKET DEVELOPMENT & REGULATORY BARRIERS
Mihai Desu, Director, Strategien

J6. EV RATE STRUCTURES: LANDSCAPE AND BEST PRACTICES
Edward Burgess, Policy Director, Vehicle-Grid Integration Council

TUESDAY APRIL 21 | 10:00AM - 12:00PM

J7. 1 ACCIDENTAL CUSTOMER EXPOSURE TO A BIG PROBLEM FOR ELECTRIC VEHICLES
Jordan Rame, CEO, EV Connect

J8. 2 RISING EMERGING TRENDS TO ADAPT TO RAPIDLY CHANGING CHARGING INFRASTRUCTURE
Kevin Kelly, Director of Programs, New Eagle; Co-Author; Eric MacLeod, Chip Soeder

J9. 3 PLANNING ELECTRIC VEHICLE CHARGING INFRASTRUCTURE FOR YOUR FLEET
Mike Ison, Electrolymation and Resiliency Lead, DKS Associates

J10. 4 PLANNING FOR EQUITY: ELECTRIC MOBILITY
Sergio Lopez, Program Manager, Co-Author; Nathaniel Hains, Jeff Allen

J11. 5 OVERVIEW OF INFRASTRUCTURE FINANCE
Rudy Sato, Partner, Monix Peabody

TUESDAY APRIL 21 | 2:00PM - 4:00PM

J12. SIMPLIFYING PVC DEPLOYMENTS WITH COMPOSITE MATERIALS
Stephen Sklair, Market Development Strategist, C&G Group

J13. A SCALABLE APPROACH TO DEPLOYMENT OF THE EV CHARGING INFRASTRUCTURE
Cleog Logkhvni, President and CEO, Cleog Logkhvni Energy Systems, AVM

J14. VEHICLE GRID INTEGRATION: VALUING CRITERIA AND ASSESSING CHALLENGES
Matt Oxenius, Business Development Executive, West European Systems

J15. USING HIGH-RES FLEET THERMAL RUNAWAY LESSONS LEARNED
Dr. Ryan Bozeman, Senior Specialist for EV Program Transparency & Education, Center for Sustainable Energy (CSE); Brett Williams

J16. BATTERY INNOVATIONS: E-MOBILITY & SMART CITIES
Compliant Power, Manager, MTS Instruments

J17. ELECTRIC VEHICLE COMPONENTS & STANDARDS
Brian Hu, Product Marketing Manager, AC Power Corp, (Poon)

TUESDAY APRIL 21 | 7:30AM - 9:30AM

K1. 1 THE BATTERY BRIDGE TO THE COMMERCIAL VEHICLE SECTOR
Jessey Corday, Director of Technology Solutions, Motiv Power Systems

K2. 2 DREAM BATTERY FOR ELECTRIC VEHICLES COME TRUE
Hector Ruiz, Innovation Director, Alto Remienmiento Automotriz

K3. 3 PRAGMATIC BENEFITS AND LIMITATIONS OF ENERGY STORAGE
Carlos Garza, Founding Principal, Satra O’blin

K4. 4 THE BATTERY PUZZLE - THE PATH TO ELECTRIFICATION FOR HEAVY-DUTY
Mike Taro, CEO & CTO, Taro Power Systems, LLC

K5. 5 EPS CAPTURER TECHNOLOGY FOR BATTERY AND STORAGE SYSTEM PROTECTION
Jeffrey Bankowski, Area Manager, Encapsulation Technology Specialist, Hazard Control Technologies; Ron Lowrey

K6. 6 GETTING AHEAD OF THE EV BOOM WITH INTEGRATED SMART-CHARGING
Marc Maroubouquée, Sr. Manager, Regulatory and Government Affairs, amotorWorks

TUESDAY APRIL 21 | 10:00AM - 12:00PM

K7. THE CALIFORNIA FUEL CELL REVOLUTION
Kath Malloy, Public Affairs, California Fuel Cell Partnership; Bill Bekis

K8. MODULAR BATTERY PACK DEVELOPMENT FOR PEV AND HEV APPLICATIONS
Andrew Holzinger, Senior Specialist for EV Program Transparency & Education, Center for Sustainable Energy (CSE); Brett Williams

K9. FIBER ANALYSIS OF BATTERY THERMAL RUNWAY
Roberto Bosco, Senior Product Marketing Manager, MTS Instruments

K10. FLEXIBLE BATTERY PACKS THROUGH INTELLIGENT SWAPABLE SYSTEMS
Carl Salas, Founding Principal, Salas

K11. BATTERY INNOVATIONS: E-MOBILITY & SMART CITIES
Compliant Power, Manager, MTS Instruments

K12. MODULARIZED HYPERSIM CONNECTED Li-ION BATTERY
Kath Malloy, Public Affairs, California Fuel Cell Partnership; Bill Bekis

K13. BATTERY PERFORMANCE TESTING IN CONDUIT STANDARDS
Tim Reeser, CEO, Lightning Systems

K14. BATTERY INNOVATIONS: E-MOBILITY & SMART CITIES
Compliant Power, Manager, MTS Instruments

K15. ACTA BATTERY PACKS FOR MEDIUM AND HEAVY DUTY ELECTRIC VEHICLES
Granville Business Unit Manager, ACTA Group

TUESDAY APRIL 21 | 2:00PM - 4:00PM

K16. VOLTAGE & RELAY PROTECTION
Kath Malloy, Public Affairs, California Fuel Cell Partnership; Bill Bekis

K17. SAFE CABLE MANAGEMENT
Phil Ramos, Jr., Founder and CEO, Amphenol

K18. LEVERAGING LOCAL SUPPORT WITHIN A GLOBAL SUPPLY CHAIN
Co-Chair - Wesley Brandon, President, CETNEX; Engineering and Manufacturing Services

K19. INNOVATIVE SOLUTIONS: ELECTRIC VEHICLES + CHARGING
Kevin Wood, Clean Transportation Specialist, Center for Sustainable Energy (CSE)

K20. LEVEL 1 & 2 CHARGERS AND UNIVERSAL CHARGER AMERICAN REQUIREMENT
Torsten Gehring, Engineer, Bender, Inc

K21. FAST CHARGING AND EXTENDING THE DRIVING RANGE THROUGH THERMAL MANAGEMENT
Brian Lammers, Applications, Engineering Manager, NeoGrav Solutions, LLC

©Preliminary Program - Subject to Change
10 REASONS TO EXHIBIT

1. Colocated with sold out EUEC
2. 23rd Annual EUEC Conference
3. Conference Presentations 8-12 pm
4. Exclusive Exhibit Hours 11 to 6 pm
5. Exhibit & Speak Packages
6. Big Screen Podium in Exhibit Hall
7. Network at lunch in Exhibit Hall
8. Keynote & Lunch 11 to 2 pm
9. Marketing Reception 4 to 6 pm
10. Golf at Torrey Pines

INCREASE EXHIBIT NETWORKING & LEADS

STATISTICS

100,000 Sq. Ft. Expo
2,000 Attendees
400 Speakers
200 Exhibits
10 EUEC Tracks
4 Charge /TE Tracks
1 Keynote Lunch
2 Receptions

EXHIBITOR SPONSOR PACKAGES

<table>
<thead>
<tr>
<th>DESCRIPTION OF EXHIBIT PACKAGE INCLUDES</th>
<th>GOLD</th>
<th>SILVER</th>
<th>BRONZE</th>
<th>STANDARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. EXHIBIT BOOTH – furnished, with table and chairs</td>
<td>20' x 20'</td>
<td>20' x 10'</td>
<td>10' x 10'</td>
<td>1 SPEAKER</td>
</tr>
<tr>
<td>2. SESSION SPONSORSHIPS with Speaker and Co-Chair Placements</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>1 SPEAKER</td>
</tr>
<tr>
<td>3. FULL REGISTRATIONS includes admission to conference &amp; exhibits, lunch,</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>2 REGIS</td>
</tr>
<tr>
<td>4. ATTENDEE LISTS – PRE AND POST DELEGATE LIST WITH FULL CONTACT INFO</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>5. MOBILE APP FOR ATTENDEES TO VISIT YOUR BOOTH, WITH PRIZE DRAWING</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>6. WELCOME RECEPTION – TICKETS WITH SPONSOR SIGNAGE</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>7. BANNER ADS ON EUEC WEBSITE &amp; NEWSLETTER &amp; MOBILE APP</td>
<td>3</td>
<td>2</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>8. FULL PAGE AD (1) IN GUIDE &amp; SPLASH SCREEN ON MOBILE APP</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>9. SPONSORED PACKAGE WITH PUSH NOTIFICATION IN MOBILE APP TO YOUR BOOTH</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>10. GOLF TICKETS TO PLAY AT TORREY PINES GOLF COURSE, WITH SPONSORSHIP SIGN</td>
<td>4</td>
<td>2</td>
<td>NO</td>
<td>NO</td>
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COST

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<tr>
<td></td>
<td>$25K</td>
<td>$15K</td>
<td>$10K</td>
<td>$5K</td>
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EXHIBITOR SCHEDULE

- Sun, April 19, 2020 Exhibitor Move-in 11 - 5 pm
- Mon, April 20, 2020 Exhibit Hours 11 - 6 pm
- Tue, April 21, 2020 Exhibit Hours 11 - 6 pm
- Tue, April 21, 2020 Tear down 6 - 9 pm

STANDARD BOOTH PACKAGE INCLUDES

- 10’x10’ exhibit booth, 1 table, 2 chairs
- 1 Speaker slot (20-min PowerPoint Presentation)
- 2 Registrations for Exhibitor & Speaker / Attendee
- Company Ad & Banner on Website & Guide
- Pre & Post Attendee List & Interactive Mobile App

EXHIBITOR PROSPECTUS

RESERVE ONLINE AT...

www.euec.com/exhibit-reservation/

NEW FORMAT

Conferences 8 am - 12 pm
Exhibition 11 am - 6 pm

STATISTICS

100,000 Sq. Ft. Expo
2,000 Attendees
400 Speakers
200 Exhibits
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4 Charge /TE Tracks
1 Keynote Lunch
2 Receptions

TRANSPORTATION ELECTRIFICATION

EV CHARGING, BATTERY & ELECTRIC FLEET

TE-EXPO.com

TRANSPORTATION ELECTRIFICATION

APRIL 20-21, 2020 | SAN DIEGO, CA

Lunch in exhibit hall 11:30 am - 1:30 pm

Reception 4 pm - 6 pm

Preliminary Program - Subject to Change
Listed below are Exhibitors Invited from our last Charge & TE Expo 2019.

EXHIBITORS & SPEAKERS INVITED FROM CHARGE EXPO OCT & NOV 2019

EXHIBITORS & SPEAKERS INVITED FROM TE-EXPO, FEBRUARY 2019

EXHIBITOR SCHEDULE

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Mon, April 20</td>
<td>11 - 6 pm</td>
<td>Exhibit Hours</td>
</tr>
<tr>
<td>Sun, April 19</td>
<td>11 - 5 pm</td>
<td>Exhibitor Move-in</td>
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<td>11 - 6 pm</td>
<td>Exhibit Hours</td>
</tr>
<tr>
<td>Tue, April 21</td>
<td>6 - 9 pm</td>
<td>Tear down</td>
</tr>
</tbody>
</table>

CONTACT INFORMATION

Name: ____________________________

Company Name: ________________________

Address: _______________________________________________________________________

City: ___________________________ State: __________ Zip: ______________

Email: _______________________________________________________________________

Phone: ___________________________

Authorized Signature (required): __________________________________________ Date: __________________________________________

RULES: Application implies that exhibitor will abide by Conference show rules. Please copy this contract for your files. Exhibitor hereby assumes entire responsibility and hereby agrees to protect, defend, indemnify and save the San Diego Convention Center, its owners, its operator, ChargeExpo, and each of their respective parents, subsidiaries, affiliates, vendors, contractors, agents, employees and assigns from any and all liability, damages, claims, injuries, or losses caused by its installation, removal, maintenance, occupancy or use of the exhibition premises or a part thereof, excluding any such liability caused by the sole gross negligence of the Convention Center and its employees and agents. Exhibitor shall obtain and keep in force during the term of the installation and use of the exhibit premises, policies of Comprehensive General Liability Insurance and Contractual Liability Insurance, insuring and specifically referring to the Contractual liability set forth in this Exhibit Agreement in an amount not less than $1,000,000 Combined Single Limit for personal injury and property damage. The group agrees to provide a Certificate of Insurance evidencing the coverage described above. This Agreement is governed by the laws of the State of Arizona, with exclusive jurisdiction in the courts in Tucson, Pima County, Arizona. CANCELLATION POLICY: Please see www.EUEC.com for full cancellation and refund policy.