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Workshop Discusses The Latest Trends And Technologies In Vehicle Electrification

by Fred Weber, PSMA Vehicle Electrification Workshop Chair

On Tuesday, September 13 at 9:00 AM CDT and the following Tuesday, September 20 at 9:00 AM CDT, the PSMA Transportation Electronics Committee will offer an extraordinary two-session virtual [Vehicle Electrification Workshop](#) which will be focused on the latest technologies and future trends in this area. This workshop will be fine-tuned for any engineer or manager that is involved in vehicle electrification. This includes not only those in the automotive industry, but also those in off-road and heavy-duty industries.

Each session will lead off with keynote speakers and end with Q & A and a roundtable discussion. The first session's keynote will be offered by KIA motors with a presentation on the "Evolution of the EV Market".

The second session will have two keynotes. The first will be offered by Fernando Slacedo of the DOE, with an "Overview of Current EV Charging Projects Supported by the Department of Energy". There will also be a second keynote for this session offered by Oakridge National Laboratory with a presentation on "Materials to help battery life. Recycling, Trends in testing—All chemistries".

The vast number of subjects that will be covered are too numerous to list completely, but some of the subjects include the latest technologies in fast charging and wireless charging, what to do about high EMI, dc-dc converter trends, battery testing and management, and much, much more.

We will be using presenters from our current PSMA membership as well as outside OEMs and tier-one suppliers. In addition, we have contacts within the DOE and other governmental organizations and universities to round out our in-depth portfolio of subjects.

This workshop is being promoted along with ITEC+EATS 2022 for increased visibility. ITEC+EATS attendees will receive discounted registration for this workshop. Conversely, those who registered in time for this workshop and ITEC+EATS (which was held June 15-17 in Anaheim, CA), received a discount to register for ITEC+EATS. Be sure to check out the details about the [ITEC+EATS conference](#).

You don't want to miss this detailed and amazing workshop. This portfolio is unmatched by anything on the market today. Sign up today. For more information, see the workshop [page](#).

Note that by signing up you will automatically receive a link to the recorded sessions to view at your leisure. So, if the timing of the workshop does not work well for you, register anyway and view it when time permits. You only lose the ability to ask live questions.

About The PSMA

At the PSMA, Power Sources Manufacturing Association, we are one of the three funding organizations of the annual Applied Power Electronics Conference and Exhibition (APEC) which is attended by upwards of 6,000 people (pre-COVID). With papers, industry sessions, rap sessions, and workshops, APEC is a leading exhibition and conference. PSMA also publishes our own Power Technology Roadmap every other year to keep our membership at the forefront of the newest trends and technologies.

Our members are a literal who's who of power electronics. With vehicles becoming more electronic and their powertrains shifting away from diesel and gasoline over to hybrid and EV our organization is in a position to offer leadership and a point of expertise for all vehicle industries. Look us up at [PSMA.com](#).

About ITEC

The IEEE Transportation Electrification Conference (ITEC) is IEEE's flagship transportation electrification conference, addressing advancements and challenges to the increasingly electrified transportation market. For 2022, the conference has partnered with the Electric Aerospace Technology Symposium (EATS) to emphasize the key breakthroughs in aerospace electrification. This year's conference will showcase perspectives from leaders from Silicon Valley, government labs, global organizations and much more. Review the full program and agenda on the conference website [here](#).