



SacEV News Flash

SacEV Meetup on Wednesday, July 8

This a SacEV Membership meeting, and open to all parties interested in electric vehicles. Have an EV question? Here's a virtual gathering of the experts!

AGENDA:

5:30pm Join other EV interested folks and a virtual mingling prior to the meeting

6:00pm Presentation Topics Include:

- Update on Sac City Parking Garages - Free charging and how to get a monthly pass at a reduced EV rate
- Mayors Climate Commission Report - Anonymous passage of SacEV and partners set
- Changes in building codes to support EV charging at apartments and workplaces
- Walk-around a local Porsche Taycan
- Walk-around a local Tesla Model Y

7:00pm Mixer, and talk in virtually one-on-one with the speakers and other EV Members

Join Zoom Meeting

<https://us02web.zoom.us/j/86233299293?pwd=Y213RERBODk0K1VMM2tZYi9hTXU4dz09>

Meeting ID & Password reserved to invited guests.

One tap mobile:

+16699009128,,86233299293#,,,0#,,929223# US (San Jose)

+13462487799,,86233299293#,,,0#,,929223# US (Houston)

Dial by your location

+1 669 900 9128 US (San Jose)

+1 346 248 7799 US (Houston)

+1 253 215 8782 US (Tacoma)

+1 312 626 6799 US (Chicago)

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Germantown)



Find your local number: <https://us02web.zoom.us/j/kApjlcJfJE>. Check this space closer to the meeting about specific agenda.

Sponsoring: Want to Promote Your Firm? Be a refreshment sponsor. George Parrott at (916) 752-7359

Seeking Volunteers

Do you like being on top of all the latest EV-related news in our region? We're looking for someone who would like to compose SacEV newsletters, every week or two. There's a lot going on in our region and you can be the most informed. Members will forward key regional news and events and some will provide editing for you before publishing. We also have a national opening for EAA Facebook editor...

If you are interested, email me: Guy.Hall@SacEV.org

Upcoming Webinars



Electric Cars and the Critical Roles of Regional Partnerships

Date: Wednesday, Jul 9, 2020

Time: 10:00 am

Please join us for a 75-minute webinar jointly hosted by Forth on Thursday to discuss the critical role regional partnerships play in transportation electrification. [Register](#)

3 REVOLUTIONS POLICY WEBINAR SERIES COVID-19 PANDEMIC AND MOBILITY TRENDS

Date: Wednesday, July 15

Time: 1:00pm - 2:15pm PDT

The COVID-19 pandemic has been hugely disruptive and will likely have lingering impacts on how we get around in the future. This webinar will provide insights through the analysis of data from new research at UC Davis, highlighting a large data collection effort with 10,000 survey respondents, reporting on how COVID-19 affected their travel behaviors, work activities, and household organization. This research provides information on changes in mode choice, vehicle purchase intentions, adoption of telecommuting, e-shopping, and delivery services. The focus of the discussion will be on the implications for the climate and for communities. [Register](#)

Fuels and Infrastructure for a Carbon Neutral Economy

Date: Wednesday, July 15

Time: 1:00pm to 2:15 pm PDT



The California Air Resources Board (CARB) will host a public workshop to hear from experts and the public on the transition to low carbon fuels across all sectors and considerations for associated infrastructure to achieve Statewide carbon neutrality. The workshop will consist of presentations from two panels focusing on fuels and infrastructure, each followed by a moderated panel discussion and questions from the public.

Date: July 15, 2020

Time: 9:30 am to 3:00 pm PDT

[Register](#)

Recovering Critical Materials From Spent Lithium-Ion Batteries

Date: Thursday, July 23, 2020

Time: 7:00 am



As the world transitions towards sustainability and low carbon emissions, lithium-ion batteries are being used across a broad spectrum of products and industries. The automotive industry, in particular, estimates 559 million electric vehicles will be on the road by 2040. Consequently, lithium-ion battery waste is forecast to hit over 11 million tonnes by 2030.

How can the world deal with this oncoming tsunami of used lithium-ion batteries? This webinar will explore both global and future approaches to dealing with end-of-life batteries and describe the importance of recovering critical materials from lithium-ion batteries to meet future demand.

- Global end-of-life lithium-ion battery market opportunity
- Recycling vs. Reusing
- Incumbent technologies for 'recycling' lithium-ion batteries
- New technologies and techniques for recycling lithium-ion batteries
- Comparative benefits of recycling technologies

Cannot join this session live? Contact Michelle at michelleboyer@plugvolt.com to get access to the webinar recording. A PDF copy of the presentation will be sent to all attendees after the event.

Battery Intelligence in Action: How to Launch an EV

Date: Thursday, July 9, 2020

Time: 7:00 am



Launching a new EV platform is a high-stakes game, where any problems encountered during battery pack development can severely jeopardize target ship dates. Developing an EV battery pack is a lengthy process comprising multiple interconnected stages from choosing the right cell to integrating the full pack into the vehicle. This webinar will describe each stage of EV pack development in detail,

continued next page

highlighting how an integrated Battery Intelligence platform can drive an on-time launch to ensure quality and traceability, while minimizing risk throughout the vehicle life cycle.

This webinar will focus on the following key topics:

- How the battery is the most complex and costly component in the development of an EV and is the component most likely to delay launch
- Reviewing the complex multi-step process required to develop an EV pack and demystify pack development from cell selection through vehicle integration
- Showcase an interactive demonstration of key analytics

A PDF copy of the presentation will be sent to all attendees after the event.

Recorded Webinars / Events of Interest



Formula E: from the racetrack to your driveway

If you're a sports fan, there's a new(ish) event you can feel great about watching: Formula E auto racing. As Formula One's electric little brother, Formula E is fast, furious, and it's changing the world. In the same way Formula One influenced the design and technology of many of today's gas-guzzling speedsters, Formula E is at the forefront of developing more efficient electric vehicles. It's shaping the very cars we'll be driving in the future and it's not easing off the accelerator anytime soon.

Formula E is getting millions of people, especially young people, excited about the potential for EVs to help stabilize our climate and clean our air. In today's climate-challenged world, Formula E is relevant in a way that smoke-belching stock cars are not.

On June 26 we joined Audi's Formula E racing team for an online conversation on how the sport is shaking up the racing world and what it means for our mobility future. [Watch the Recording](#)



Will partially automated vehicles change the way we drive?

Consumers are purchasing and using partially automated vehicles, which use adaptive cruise control, steering assistance, and emergency braking to assist driving, yet little research has been done to understand how these vehicles are changing the way people drive. Research on personally-owned driver-less vehicles suggests that these vehicles would result in large increases in vehicle use. What about partially automated vehicles, such as those with Tesla Autopilot or GM Super Cruise? By easing the driving experience, do they also induce more travel? Early evidence suggests yes. This presentation will explore qualitative and quantitative research findings from ITS UC Davis on how consumers are using partially automated vehicles, and how it is affecting their travel behavior.

[View this Seminar Online](#)



Consumer Engagement & EV Adoption

This webinar will highlight the challenges to consumer engagement and best practices of marketing EVs of all shapes and sizes to consumers with speakers from EVNoire, the Norwegian EV Association, and Austin Energy.

[Seminar Online](#)



Distributed Generation: Off-Grid Zero-Emission

This webinar shared some information from the new IDTechEx report, "[Distributed Generation: Off-Grid Zero-Emission kW-MW 2020-2040](#)" and is now available on-demand. [Click here](#) to view this recording.

You can now download a PDF version of the slides from the right-hand side of this page: www.IDTechEx.com/Distributed (Please note that you will need to be logged-in to our website to access these. Registration is free).

[Seminar Online](#)



The Race to Zero Emissions in Transportation

Conventional thinking suggests the path to zero emissions will be built around hydrogen or EVs. Is it possible that low carbon fuels like natural gas or propane could get to zero at scale faster? What about renewable components like renewable natural gas or renewable blends? Where is technology heading for major innovation in engine design, fuel blends, and infrastructure? How does environmental justice benefit from choosing low carbon, American fuels? [View this Seminar Online](#)

Scooters in Cities: The Story So Far

In their first two years of existence, shared e-scooter systems have attracted a lot of attention, both positive and negative. A Los Angeles Times editorial lauded scooters' potential to provide "convenient, affordable ways to travel short distances without getting in a car and driving." Others have been far more skeptical, with some calling scooters a "menace" and an "imminent threat" to bystanders. In this presentation we will explore some of the most prominent controversies surrounding scooters, such as safety, parking, and appropriate regulations, and what some of the early research on scooters has found about these issues. [Seminar Online](#)

State Automated Vehicle Policy: Keeping up with Tech?

Automated vehicle technologies have rapidly developed in the last decade. Fully driverless vehicles are highly anticipated to disrupt the transportation system. Despite recent developments, the federal government has failed to implement policies to transition from human-driven transportation to automated. Absent federal leadership, states are regulating and incentivizing the use of automated technologies. We categorize the bills legislatures are considering and which steps need to be taken to ensure vehicles are safe and beneficial to society in terms of congestion, emissions, and accessibility.

You can watch the webinar recording [here](#).

ITS issue paper, [Technology is Outpacing State Automated Vehicle Policy](#), presentation [here](#).

Up to Code? Planning for ZEV Infrastructure

Veloz invites you to a [Zero-Emission Vehicle Permit Streamlining Workshop](#). The workshop is also available via webinar, and is presented by the Governor's Office of Business and Economic Development (GO-Biz) and the Southern California Association of Governments (SCAG).

[GO-Biz's Electric Vehicle Charging Station Permitting Guidebook](#).

More info and registration [here](#).

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Why Workplace Charging?



Health insurance packages, parental leave, napping pods, kombucha on tap, and bike storage have not been amenities traditionally offered by employers, but many of these have become standard. When will workplace charging be added as a common feature? Workplace charging is an enormous [benefit](#) for both employees and employers. This webinar discussed the benefits of workplace charging, considerations when providing workplace charging, and best practices.

View [Eric's](#), [Anne's](#) and [Andrew's](#) presentations.

Full webinar recording [here](#).

Additional Resources

Oregon Food Bank Workplace Charging [Pilot](#)

Avista Electric Vehicle Supply Equipment Pilot [Final Report](#)

Burns and McDonnell - [Power Up With Electrification](#)

[EMobility Equity Conference](#) presented by EVNoire and Forth will take place on June 18.

Pacific Power Charging Station [Grants](#)

Join the National Electric Auto Association



Join other SacEV members as national Electric Auto Association members, you are joining the national grass-roots community advocating for EVs in the USA. The national EAA is critically important to SacEV as it handles our administrative chores (tax filings, non-profit status, banking service, insurance, legal help, etc.) and provides value, such as webinars and the two nationwide events: National Drive Electric Week and Drive Electric Earth Day.

Your SacEV leadership team relies on these services, so we encourage you to join the national organization for the small sum of \$35 annually. You will also be able to keep current with the latest developments in the rapidly changing world of electric vehicles in our monthly Current Events e-magazine. This beautiful publication is a full-color, printable magazine, available 24/7 on-line from your desktop, laptop, smartphone, or however you access the internet.

Your membership provides value to you, our local SacEV chapter, and you become a member of this critical national movement. **Please join [NOW](#).**

More SacEV Events Are Coming Up

Check the [SacEV calendar](#) for the latest EV-related activities.

If you've missed a Newsletter and for more information about the Sacramento Electric Auto Association visit our [website](#).

