



JUNE 11-14, 2023

36TH ELECTRIC VEHICLE SYMPOSIUM & EXPOSITION

Full Program

evs36

VISIT CHARIN AT BOOTH 509

- a non-profit organization with > 300 members
and open to any company worldwide being involved
in the business around e-mobility



17 exhibitors
waiting for you on
the biggest booth!

Don't miss the **CharIN party**
on **Monday, June 12**
- **5:30 pm!**



Network with
relevant stakeholders!



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Welcome Letter

Welcome to EVS36, where you will have a unique opportunity to share and learn about technology advancements, to make connections with other industry leaders, to hear ground-breaking policy and industry announcements, and to showcase your business to new customers and the public.

The transition to e-mobility is accelerating around the globe. At the Electric Drive Transportation Association (EDTA) and the World Electric Vehicle Association (WEVA), we are working to build on these successes, grow opportunity in the industry and maximize the benefits of electric transportation for consumers, communities, states, regions, and countries around the world.

Throughout our 53-year history, the Electric Vehicle Symposium (EVS) has drawn innovation, government, and industry leaders from around the world to explore the technical, policy and market advances of electric transportation. In 2023, e-mobility is at an inflection point and you will be among the global EV leaders mapping the historic next steps for electric drive at EVS36.

As the seat of government in the largest vehicle market in the United States, Sacramento is the ideal gathering point for the world's EV leaders. It is also a great location for dining, entertainment and the enjoying the great outdoors, so please make the most of your time at EVS36 and enjoy Sacramento.

GENEVIEVE CULLEN

PRESIDENT, ELECTRIC DRIVE
TRANSPORTATION ASSOCIATION (EDTA)
PRESIDENT, WORLD ELECTRIC VEHICLE
ASSOCIATION (WEVA)

About WEVA and EVS

Launched in 1990, the World Electric Vehicle Association (WEVA) is a non-profit organization with the objective of promoting the research, development and deployment of electric drive vehicles. WEVA consists of three regional organizations: the Electric Drive Transportation Association (EDTA), the European Association for Battery, Hybrid and Fuel Cell Electric Vehicles (AVERE) and the Electric Vehicle Association of Asia Pacific (EVAAP). These three international associations promote the electric vehicle concepts and policies in their respective regions of North America, Europe and the Asia-Pacific and organize the International Electric Vehicle Symposium (EVS) series.

The EVS series began in 1969 as a global academic forum. As electric drive technologies progressed from the classrooms and laboratories into the marketplace, EVS expanded into an event both academic and business oriented. Today, the EVS series is recognized as the global electric transportation industry's premier and largest forum, showcasing all forms of technologies in the marketplace and on the drawing boards—from low speed battery electric vehicles to fuel cell electric buses. EVS29 was organized by the Electric Drive Transportation Association, supported by WEVA's International Steering Committee and the International Program Committee and co-hosted with Electric Mobility Canada.

Charge Your EV at Home and Experience the Ultimate Convenience!

Charging at home is the most convenient way of filling the battery. No detours, not checking which price is display at fuel stations. Just drive home, plug in, relax.

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- Compliant with UL standards
- Compatible with any EV
- Easy installation
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 **DETROIT**

General Information



Registration Desk Hours

SUNDAY JUNE 11, 9:00 AM - 7:00 PM

MONDAY JUNE 12, 7:00 AM - 6:00 PM

TUESDAY JUNE 13, 7:00 AM - 8:00 PM

WEDNESDAY JUNE 14, 7:00 - 12:00 (NOON)

Exposition Hours

SUNDAY JUNE 11, 11:30AM - 4:00 PM

OPEN TO THE GENERAL PUBLIC:

5:30 PM - 7:30 PM

DELEGATE WELCOME RECEPTION:

MONDAY JUNE 12, 9:00 AM - 6:00 PM

TUESDAY JUNE 13, 9:00 AM - 6:00 PM

+ KEMPOWER Speaker Ready Room Hours

SUNDAY, JUNE 11, 2:30 PM - 5:30 PM

MONDAY, JUNE 12, 7:00 AM - 5:00 PM

TUESDAY, JUNE 13, 7:00 AM - 5:00 PM

WEDNESDAY, JUNE 14, 7:00 AM - 10:00 AM

Disclaimer

All lecturers are requested to go to the speaker ready room upon arrival to sign their disclaimer and download their PowerPoint presentation, if this was not already done before arrival. Please ensure you remit your PowerPoint no later than 3 hours before your scheduled presentation time and, where possible, the morning or afternoon prior. An audio-visual technician will be in the room to assist with reviewing your presentation. A small number of workstations are also available to speakers in this room.

Badge Requirements

Admission to all activities requires your registration badge. Please cooperate by wearing it at all times.

Mobile Device Charging Stations

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Should you wish to charge your personal mobile devices, please visit the charging stations located across the Exposition floor.

Mobile App

All registered attendees have received Mobile App login details by email.

This app will help personalize your experience on-site and expand the B2B value of the event.

Wi-Fi Access

Free Wi-Fi is available throughout the Convention Center. Network name and password are available at the registration desk.

We make the electric revolution work.*



* Electric vehicle owners have high safety, efficiency and technology demands. Manufacturers are tasked to respond with innovations that perform and inspire, while meeting business goals. Our electrification expertise lets you achieve both.

From cutting-edge on-vehicle system solutions, to EV charging infrastructure, we are supporting the entire electrification ecosystem for a more sustainable future.

Because that's what matters.

Learn more at: Eaton.com/eMobility

We make what matters work.



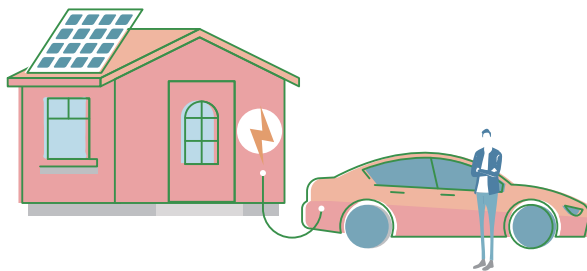
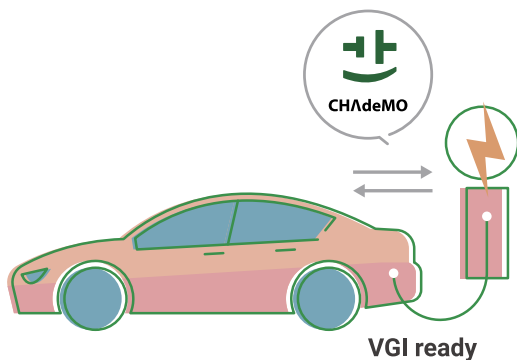
CHAdeMO is HERE! (Stand 408)



A truly global family of DC standards

V2G is a reality for a decade

Bi-directional charging with EVs and chargers



Flexible and extensible

- Electric 2/3 wheeler DC fast charging standard
- E-bike DC non-proprietary charging protocol
- Ultra high-power next generation **ChaoJi**



Come visit the CHAdeMO stand (408) to learn about the latest or just for a cup of coffee

CHAdeMO e-bike presentation:
9:45AM-11:15AM Tuesday, June 13 (4A)

Special Activities

Ride, Drive + Charge

Public and Delegate Access

SUNDAY, JUNE 11, 11:30 AM - 4:00 PM

Delegate-only Access

MONDAY, JUNE 12, 10:00 AM - 2:00 PM

Take this opportunity to test the latest models in EV for a 10-minute drive on the city streets. To sign up go to the Ride, Drive & Charge desk located in the West Lobby: Level 1. Make sure you bring a valid driver's license.

Participating companies:

Daimler, Volvo, Toyota, Nikola, BMW, Ford, Nissan and more!

Public Day

SUNDAY, JUNE 11, 11:30 A.M. - 4 P.M.

Featuring:

- Welcome remarks from EDTA President Genevieve Cullen
- EVS36 Ride, Drive & Charge featuring vehicles from Volvo, BMW, Toyota, Daimler and more. (On-site registration and valid driver's licence required)
- Fun, Family atmosphere
- Food and Music
- Exhibit Hall open for browsing the latest in EV and sustainable technology

Sponsored by



Welcome Reception

SUNDAY, JUNE 11, 5:30 PM - 7:30 PM

LOCATION: EXHIBITION SHOW FLOOR

Enjoy your first evening in Sacramento with a Sacramento-themed reception and an early opportunity to network with EVS36 delegates, sponsors and guests while touring the exhibition floor.

EVS36 Celebration

Supported by  BLACK & VEATCH

TUESDAY, JUNE 13, 6:00 PM - 9:00 PM

LOCATION: BALLROOM B PRE-FUNCTION AND OUTDOOR TERRACE - LEVEL 2

Program at a glance

Sunday, June 11	Monday, June 12	Tuesday, June 13	Wednesday, June 14
<p>9:00 AM - 7:00 PM Registration</p> <p>11:30 AM - 4:00 PM Public Day</p> <p>11:30 AM - 4:00 PM Ride, Drive & Charge</p> <p>11:30 AM - 4:00 PM Exposition Hall Open for General Public</p> <p>12:00 PM - 5:00 PM Industry Sessions</p> <p>5:30 PM - 7:30 PM EVS36 Delegate Welcome Reception/ Expo Floor</p>	<p>7:00 AM - 8:00 PM Registration</p> <p>8:00 AM - 9:25 AM Opening Plenary</p> <p>9:00 AM - 6:00 PM Exposition Hall Open</p> <p>9:15 AM - 9:45 AM Break</p> <p>9:45 AM - 11:15 AM Session 1 Session 1A - Room B3 Session 1B - Room B4 Session 1C - Room B2 Session 1D - Room B6 Session 1E - Room B7</p> <p>9:45 AM - 11:15 AM Market Builders Forum</p> <p>10:00 AM - 2:00 PM Ride, Drive & Charge for Delegates</p> <p>11:15 AM - 11:30 AM Break</p> <p>11:30 AM - 1:00 PM Session 2 Session 2A - Room B3 Session 2B - Room B4 Session 2C - Room B2 Session 2D - Room B6 Session 2E - Room B7</p> <p>11:30 AM - 1:00 PM Market Builders Forum</p> <p>1:00 PM - 2:00 PM Lunch in Exposition Hall</p> <p>2:00 PM - 3:30 PM Dialogue with the Experts</p> <p>3:30 PM - 5:00 PM Session 3 Session 3A - Room B3 Session 3B - Room B4 Session 3D - Room B6 Session 3E - Room B7</p> <p>3:30 PM - 5:00 PM Market Builders Forum</p>	<p>7:00 AM - 8:00 PM Registration</p> <p>8:00 AM - 9:15 AM Opening Plenary</p> <p>9:00 AM - 6:00 PM Exposition Hall Open</p> <p>9:15 AM - 9:45 AM Break</p> <p>9:45 AM - 11:15 AM Session 4 Session 4A - Room B3 Session 4B - Room B4 Session 4D - Room B6 Session 4E - Room B7</p> <p>9:45 AM - 11:15 AM Market Builders Forum</p> <p>11:15 AM - 11:30 AM Break</p> <p>11:30 AM - 1:00 PM Session 5 Session 5A - Room B3 Session 5B - Room B4 Session 5C - Room B2 Session 5D - Room B6 Session 5E - Room B7</p> <p>11:30 AM - 1:00 PM Market Builders Forum</p> <p>1:00 PM - 2:00 PM Lunch in Exposition Hall</p> <p>2:00 PM - 3:30 PM Dialogue with the Experts</p> <p>3:30 PM - 5:00 PM Session 6 Session 6A - Room B3 Session 6B - Room B4 Session 6D - Room B6 Session 6E - Room B7</p> <p>3:30 PM - 5:00 PM Market Builders Forum</p> <p>5:00 PM - 5:15 PM Break</p> <p>6:00 PM - 9:00 PM EVS36 Reception</p>	<p>7:00 AM - 12:00 PM Registration</p> <p>8:00 AM - 9:30 AM Session 7 Session 7A - Room B3 Session 7B - Room B4 Session 7C - Room B2 Session 7D - Room B6 Session 7E - Room B7</p> <p>9:30 AM - 9:45 AM Break</p> <p>9:45 AM - 11:15 AM Session 8 Session 8A - Room B3 Session 8B - Room B4 Session 8C - Room B2 Session 8D - Room B6</p> <p>11:15 AM - 11:30 AM Break</p> <p>11:30 AM - 1:00 PM Closing Plenary with E-Visionary and Paper Awards, Announcement of EVS37</p>

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EVA Global

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at booth
#629



 Guidehouse



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To navigate a complex world, you need a guide that not only draws the map but understands the unique challenges and nuances of the terrain. At Guidehouse, our teams integrate both public and private sector global expertise to solve the most complex and multi-dimensional problems. Because we understand the simple truth of today's world: complexity is an unforgiving reality. You can't outmatch it. But with the right guidance, you can outwit it.

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Meals & Breaks

Full registration includes

SUNDAY, JUNE 11 5:30 PM - 7:30 PM	EVS36 DELEGATE WELCOME RECEPTION
MONDAY, JUNE 12 9:15 AM - 9:45 AM 11:15 AM - 11:30 AM 1:00 PM - 2:00 PM 5:00 PM - 5:15 PM	BREAK BREAK LUNCH IN EXPOSITION HALL BREAK
TUESDAY, JUNE 13 9:15 AM - 9:45 AM 11:15 AM - 11:30 AM 1:00 PM - 2:00 PM 5:00 PM - 5:15 PM 6:00 PM - 9:00 PM	BREAK BREAK LUNCH IN EXPOSITION HALL BREAK EVS36 CELEBRATION
WEDNESDAY, JUNE 14 9:30 AM - 9:45 AM 11:15 AM - 11:30 AM	BREAK BREAK

Session descriptions

Lecture Sessions

Distinguished panelists, selected by our international review panel, present cutting-edge work on electric drive innovation and technology, infrastructure advances, market dynamics and global EV policy initiative.

Market Builder Forum

The Forum features a series of interactive discussions with experts from business, government and beyond, examining the essentials of growing the electric drive market.

Dialogue with the Experts

Engage directly with thought leaders from across the electric drive spectrum of academia, industry and government. Global experts, selected by our international review panel, will present to, and engage with delegates in informal and interactive sessions.

Floor Plan

SAFE credit union Convention Centre

Legend

Sections

2 TYPES

- SPONSORS
- EXHIBITORS

Drawing info

FACILITY

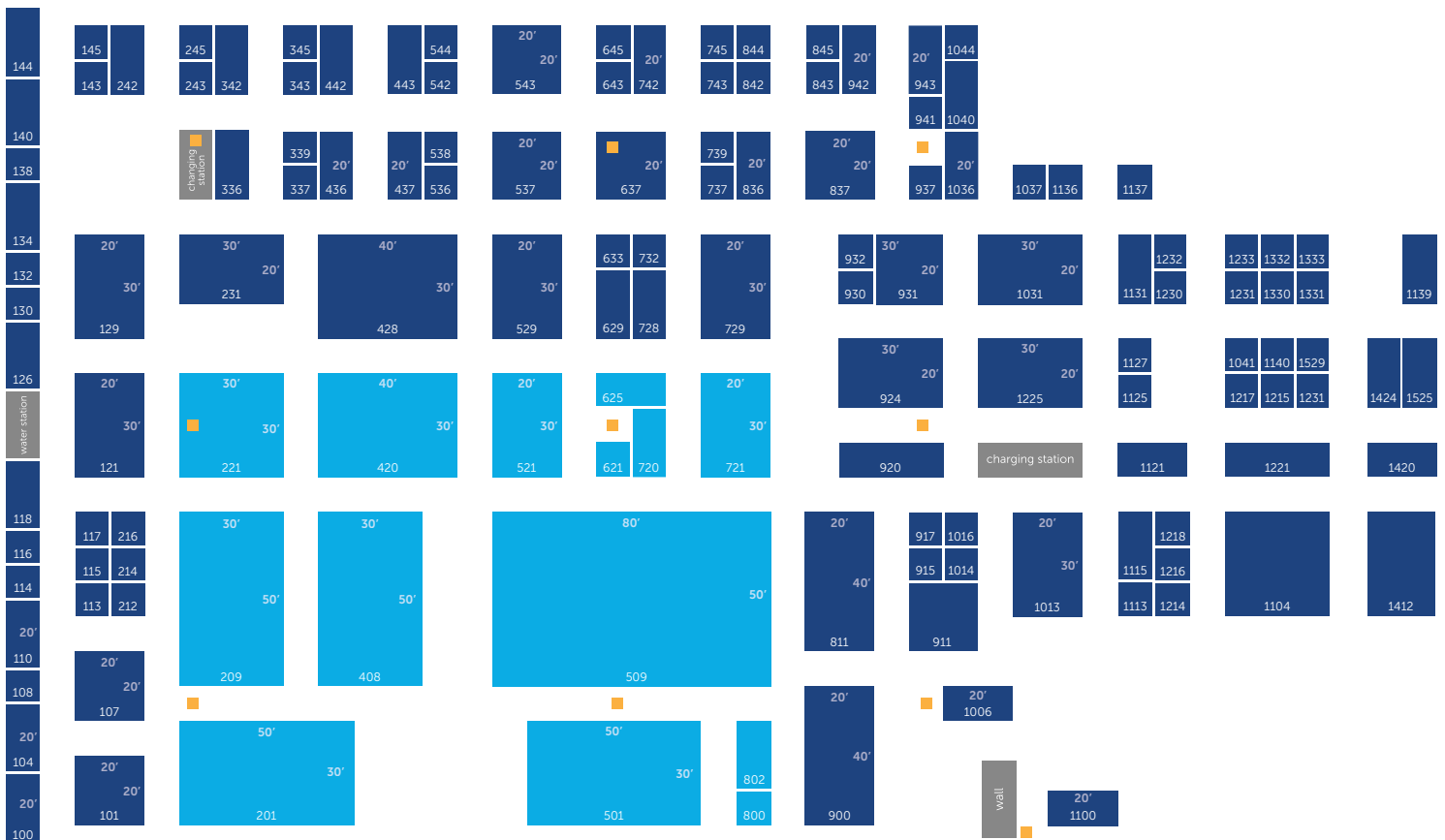
Safe Credit Union
Convention Center

FACILITY LOCATION

Level 1

CITY & STATE

Sacramento, CA



Exhibitor list

Company	Booth	Company	Booth
ABB	811	Digatron Power Electronics	1331
A-C Electric	1231	Directorate of Industries Government of Jharkhand	645
ADT Woojin	144	Dongguan xinhailin New Energy Technology Co. , Ltd.	542
Alpitronic Srl	529	Driivz	720
AMD Decolletage	214	Easelink GmbH	1213
Ame Power	1529	Easy Charging Technology Co., Ltd	138
AMPECO Ltd.	134	EATON	209
Amphenol	837	ecoG	509
Anew Climate, LLC	1140	EDTA	621
AssetWorks	633	EHVT	1216
Autocraft Solutions Group	924	Ekoenergetyka - Polska S.A.	729
Ayro, Inc.	443	e-Mission Control	345
bdtronic	739	e-mobil BW GmbH	931
Beijing Dynamic Power	437	EV Charging Clean Energy Technology Co., Ltd	900
Bender	143	EVA Global	629
Besen International Group Co. Ltd.	937	E-valucon	110
Black and Veatch	1420	EVS37	800
Blink Charging	1013	Fast Charge	121
Botree Cycling	337	FLO	521
BRUGG eConnect AG	1113	Forth	1136
BTC Power	107	FUKUTA ELEC. & MACH Co., Ltd.	544
Burns & McDonnell	917	Future Fuels	342
CCV GmbH	339	Gireve	212
Celanese	643	GNA	1424
Cenex	924	Gridwiz	920
Center for Sustainable Energy	1125	Guangdong Tengluo Electronic Technology Co., Ltd.	1137
CHAdEMO	408	Guidehouse	1224
Chargebyte GmbH	743	HeyCharge	930
CHARGEPLY SAS	216	Hitachi Energy	1230
CharIN	509	Hubei ZhongTian Mica Products Co.,Ltd	1218
Clariant	132	Hubject	1225
Clean Cities - U.S. Department of Energy	1232	i-charging	1121
Cool Clean Technologies, LLC	732	Ingeteam EV Chargers	231
Core States Energy	1332	INTEGRITY Security Services	1217
Crowdcharge	924	Intepro Systems - Cinergia	1233
Daimler Truck North America	201	IoTecha	1525
Dehn USA	1127	Irdeto	802
Dekra	108		

Exhibitor list (continued)

Company	Booth	Company	Booth
J&D Electronics, Inc.	116	SK Signet/ Marubeni America Corporation	428
JAE Electronics, Inc.	836	Society of Motor Manufacturers and Traders	924
JONHON	100	Socomec	932
KelRide	843	Southwire	1131
KEMPOWER	129	Staubli Electrical Connectors	728
KEVIT	943	SUYIN CORPORTATION	1014
Landis+Gyr	1330	SWTCH	1016
LEM	118	Synop	245
Littlefuse	1115	Thermocompact	117
Lotus Engineering	924	TI-Lane Precision Electronic Co., Ltd.	842
Marmon Industrial Energy & Infrastructure	845	Toyota	501
Megmeet USA Inc.	538	TRESSE INDUSTRIE	113
Milbank	1006	Tritium	1031
Nanjing Powercore	543	United Chargers Inc.	915
Netherlands Enterprise Agency	1412	Vector North America Inc.	1040
Ningbo Songke Magnetic Material Co., Ltd.	742	Vestel	721
Nuvve Holding Corp.	130	Vitesco Technologies	1139
Ontario Ministry of Economic Development, Job Creation and Trade	1221	Watt & Well	1333
PG&E	625	Webasto Charging Systems, Inc.	941
Polska Agencja Inwestycji i Handlu	221	Weidmuller	1215
Qovoltis	114	Western Automation R&D	1115
Rectifier Technologies	509	WOOJIN Industrial System Co., LTD.	144
Reviver	115	WORKERBEE ENERGY B.V.	442
Saietta Group plc	924	Xcharge North America	242
SARIT (ELVY Inc.)	1044	Xiamen AcTEC Electronics Co., Ltd.	140
Schaltbau North America	145	Xiamen Galaxy Camphol Technology Co., Ltd.	536
Schneider Electric	420	XIAMEN SONGLI IMPORT AND EXPORT CO., LTD.	343
Sertec Corporation Ltd	924	Yantai Dongxing Magnetic Materials Inc.	537
Shenzhen HB Electronic Co., Ltd.	637	Yunex Traffic	1214
Shenzhen Infypower Co.,Ltd.	101	Zeplug	745
Shenzhen Sinexcel Electric Co., Ltd.	336	Zerova Technologies USA LLC	1104
Shenzhen UUGreenPower Electrical Co., Ltd	911	Zhejiang Hecheng Smart Electric Co., Ltd.	1041
Shenzhen Wattsaving Electrical Technology Co., Ltd.	104	Zhejiang Safemate Automotive Safety & Emergency Technology Co.Ltd.	243
Shoals Technologies Group	126	Zhongshan AUXUS Electronic Technology Co,Ltd	1037
Sichuan Weiyu Electric Co., Ltd.	436	ZOOZ Power	1036
Silicon Mobility	737		

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MEET FRENCH INNOVATION @ EVS36



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Smarter EV Charging and Energy Management Platform.

The Operating System for Large Scale EV Charging Networks.



Meet our leadership team at booth 720.

Accelerating California's Electric Vehicle Future



Visit us in Booth #625



EVS36 Lecture Session Program

Monday, June 12

9:45 AM-11:15 AM

Session 1

LECTURE SESSION 1A — SMART CHARGING AND DEMAND MANAGEMENT — ROOM B3

Gilles Van Kriekinge — Vrije Universiteit Brussel — Mobi
Real-world implementation of smart charging: Challenges and lesson learned

Hanif Tayarani — University of California, Davis
Using machine learning models to forecast electric vehicle destination and charging event

Hampus Alfredsson — Rise Research Institutes of Sweden
Power management at the smart charging node

Hana Elattare — Deggendorf Institute of Technology
Open-data methodology for optimizing the allocations of Charging Stations

LECTURE SESSION 1B — ZERO EMISSION TRUCKS — ROOM B4

Brennan Borlaug — National Renewable Energy Laboratory
Charging needs for battery electric semi trucks

Vishant Kothari — World Resources Institute
Zero-emission delivery zones: Decarbonizing urban freight and goods delivery in U.S. cities

Mikko-Pihlatie — VTT Technical Research Centre of Finland
Zero-emission truck powertrains for regional and long haul missions

Nikita Zaiko — Lindholmen Science Park
E-Charge: System demonstration of long-haul battery electric trucks

LECTURE SESSION 1C — CUSTOMIZING ELECTRIC DRIVE FOR SPECIALIZED APPLICATIONS — ROOM B2

Bryan Lee — Calstart
Decarbonizing harbor craft: The hydrogen zero emission tug project

Antti Lajunen — University of Helsinki
Simulation of alternative powertrains in agricultural tractors

Ricardo de Castro — UC Merced
Identifying practical pathways for electrification of agricultural vehicles through Techno-Economic analysis

LECTURE SESSION 1D — DRIVING ELECTRIFICATION THROUGH POLICY — ROOM B6

Marie-McNamara and Pranav Lakhina — RMI
Inflation Reduction Act – What it means for EV adoption in the US

Harm Weken — Fier
Mind the gap: Tuning the BEV incentives to specific market-segment and user needs, to bridge the final years until price-parity and TCO-advantages is reached market-wide

Sue Gander — World Resources Institute
Federal and state policy drivers for US school bus electrification

Peter Ambiel — University of California, Davis
Developing a tool to identify and evaluate gaps in funding for electric vehicle charging infrastructure

LECTURE SESSION 1E — UNDERSTANDING THE EV CONSUMER — ROOM B7

Hajo Ribberink — Natural Resources Canada
Supporting EV adoption through EV hotspots analysis

Allan Zhao — Electric Power Research Institute
Coming of age: Understanding electric vehicle (EV) use over time via used vehicle market data

Scott Hardman — UCD
Do plug-in hybrid adopters switch to battery electric vehicles (and vice versa)?

John Anderson — Center for Sustainable Energy
Building on what is already working: Describing a more nuanced understanding of rebated EV consumer groups

EVS36 Lecture Session Program

Monday, June 12

11:30 AM-1:00 PM

Session 2

LECTURE SESSION 2A — OPTIMIZING CHARGING AND V2G — ROOM B3

John Lindsey — Schneider Electric

Why residential bidirectional charging should be the standard not a high-end alternative

Andrei Gonciaruc — Vrije Universiteit Brussel — Mobi

Profitability of V2G-enabled flexibility services: aFRR

Cedric de Cauwer - Vrije Universiteit Brussel

Sizing of charging infrastructures for mobility electrification under smart charging conditions

Michelle Levinson — World Resources Institute

Designing vehicle-to-grid tariffs well

LECTURE SESSION 2B — STRATEGIES FOR WIRELESS CHARGING — ROOM B4

Hongliang Pang — University of Hong Kong

Automatically adjustable impedance compensation for electric vehicle wireless charging

Zhichao Hua — University of Hong Kong

Adaptive variable-current wireless charging for electric vehicles with higher power transfer capability

Chaoran Si — University of Hong Kong

Optimal vehicle routing and energy scheduling in wireless electric vehicle energy network via reinforcement learning approach

Robert Eriksson — Volvo Cars

Experience from first year with wireless charging fleet in Gothenburg green city zone

LECTURE SESSION 2C — ROLE OF HYDROGEN IN E-MOBILITY — ROOM B2

Hajo Ribberink — Natural Resources Canada

Optimization of H2 supply and refuelling infrastructure for long haul trucks

Thomas Acher — Linde Hydrogen Fuel Tech

Subcooled liquid hydrogen technology for heavy duty trucks

Walter Holderried — E-Mobil BW GMBH

Possible contributions of state policies and measures to the implementation and scaling of charging and hydrogen refueling infrastructure for long-haul trucks : An example of the state of Baden-Württemberg

Lewis Fulton — Institute of Transportation Studies — UC Davis

A hydrogen hub for California: What role for fuel cell transportation?

LECTURE SESSION 2D — STATE ELECTRIFICATION INITIATIVES — ROOM B6

Brett Williams — Center for Sustainable Energy (CSE)

New York State's Drive Clean rebate for electric vehicles: Measures of impact

Alan Jenn — University of California

Green charging of electric vehicles under a net-zero emissions policy transition in California

Marilou Gosselin — MELCCFP

On designing Quebec's zero-emission vehicle mandate

Paul El Asmar — HNTB Corporation

Ohio NEVI Plan implementation challenges and opportunities

LECTURE SESSION 2E — PUBLIC HEALTH AND EQUITY THROUGH EVS — ROOM B7

William Barrett — American Lung Association

Zeroing In on healthy air: A national assessment of health and climate benefits of zero-emission transportation and electricity

Samikchhya Bhusal — Forth

Towards equitable electric mobility

Nicole Bruns — Bruns Auri, Inc.

Sacramento Plug-In Electric Vehicle Collaborative: Equity in Transportation

Alan Jenn — University of California

Equity implications of emissions and health impacts of electric vehicle adoption on disadvantaged communities

EVS36 Lecture Session Program

Monday, June 12

3:30 PM-5:00 PM

Session 3

LECTURE SESSION 3A – EVS AND THE GRID – ROOM B3

Charles Botsford – PE – CWB Energy Solutions

Use of synchrophasors to transform NEVI EV charging stations and energy storage into distribution grid nodes

Sachindra Dahal – Electric Power Research Institute

Impact of increasing replacement transformer size on the probability of transformer overloads with increasing EV adoption

Kelaja Schert – SAP

Leveraging energy flexibility with EVs

LECTURE SESSION 3B – COMPONENT TECHNOLOGY, INNOVATION, AND ANALYSIS – ROOM B4

Leehyoung Cho – Hyundai Motor Company

Development of vehicle pitch motion control based on human perception system

Milan Rosina – Yole Intelligence

To achieve a longer vehicle driving range: Think beyond just a battery capacity increase

Sangjoon Kim – Hyundai Motor Company

Studies on vehicle motion control using a traction motor in electrified vehicles

LECTURE SESSION 3D – DIVERSE PATHWAYS TO E-MOBILITY – ROOM B6

Norbert Schreier – Esslingen University

Acceptance of e-motorcycles: A longitudinal study based on a survey of motorcyclists at the motorcyclist meeting point "Loewensteiner Platte" in South Germany

Wolfgang Fischer – E-Mobil BW GMBH

Intersectoral cooperation as a strategic key principle for the transformation of the automotive region Baden-Württemberg

Laurane de Gendre – WSP France

Case study: The Australian capital territory's journey to zero-emission buses

Nick Shaw – UK Office for Zero Emission Vehicles

Zoley Cobb – Transport Canada

Accelerating the transition - how the UK and Canada are delivering the demand, supply and infrastructure for electric vehicles

James Vickery – Department for Transport, UK

UK ZEV mandate - A world-leading regulatory framework to drive supply and consumer confidence

LECTURE SESSION 3E – UPTAKE MODELING AND EXPECTATIONS – ROOM B7

Mikael Levin – Transport Analysis

EV distribution from early adopters to the early majority – The case of Sweden 2016–2020

Francisco Pares Olguin – University of California

EV supply modelling: Implications of global EV adoption targets for Mexico and North America

Onur Özgün – DNV

Electric vehicle uptake; What will it be versus what should it be?

Trisha Ramados – University of California – Davis

A household-level EV adoption model for California using spatial microsimulation

EVS36 Lecture Session Program

Tuesday, June 13

9:45 AM-11:15 AM

Session 4

LECTURE SESSION 4A – STANDARDIZATION STRATEGIES – ROOM B3

James Mater – Qualitylogic, Inc.

Standardizing V2G: A critical factor in decarbonization

Silke-Kirchner – Webasto Charging Systems, Inc.

OCCP interoperability: Democratized future of charging

Daisuke Takahashi – CHAdeMO

CHAdeMO EPAC Project: DC charging standard for Electrically Power Assisted Cycles (EPACs)

Evgenii Genov – Vrije Universiteit Brussel

Forecasting flexibility of charging of electric vehicles: Tree and cluster-based methods

Peter Van Den Bossche – Vrije Universiteit Brussel

The private charger – local charging station management from different perspectives

LECTURE SESSION 4B – REAL WORLD USE AND – PERFORMANCE – ROOM B4

Kihyun Kwon – Institute of Transportation Studies – UC Davis

Exploring workplace or public charging demand for electric vehicles (EVs) in California

Gabriel Shenhar – Consumer Reports

How temperature affects electric vehicle range: On road testing results with four BEVs

Kenneth Kurani – Electric Vehicle Research Center – UC Davis

How electric vehicle drivers navigate the real and virtual worlds of vehicle charging

Katrina Sutton – Calstart

Charging management strategies: Techniques to increase charger utilization and reduce congestion

LECTURE SESSION 4D – EVS IN THE CITY – ROOM B6

Robert Evans – Cenex

Hydrogen mobility Europe (H2ME) fuel cell electric vehicles as taxis

Ben Prochazka – Electrification Coalition

Cities and electric vehicle readiness policy

Mark Simon – NYC Dot

Infrastructure challenges in a dense urban setting

Marcy Rood – Argonne National Laboratory

Clean cities: A model for clean transportation deployment spanning three decades

LECTURE SESSION 4E – EVS AND THE CIRCULAR ECONOMY – ROOM B7

Xiao Lin – Boree Cycling

Lithium-ion battery recycling technologies towards sustainable electric vehicle industry

Floris Teunissen – Cenex Nederland

Demonstrating the business case and lessons learned for lightweighting EV components through a circular economy approach

Alexander Tankou – International Council on Clean Transportation

Understanding the techno-economic feasibility of electric vehicle battery reuse and recycling

Simon Buderath – P3 USA, Inc.

Opportunities and challenges of the raw material industry for the purpose of battery cell manufacturing- Investing into localized battery value chains in North America

EVS36 Lecture Session Program

Tuesday, June 13

11:30 AM-1:00 PM

Session 5

LECTURE SESSION 5A – FUTUREPROOFING THE GRID – ROOM B3

Michael Keller – CharIN e. V.

Improvement of charging quality by conformance testing and how an association can support

Frank Geerts – ElaadNL

GridShield – Mitigating unforeseen local power peaks on the grid caused by EVs

Tisura Gamage – University of California, Davis, Electric Vehicle Research Center

The prevalence of charging failures during DC fast charger uptime

Vaishnavi Karanam – Institute of Transportation Studies at UC Davis

Developing a deep learning tool to detect electric vehicle supply equipment failures

LECTURE SESSION 5B – MEETING THE HEAVY-DUTY CHALLENGE – ROOM B4

Patrick Plötz – Fraunhofer ISI

Locations for battery electric truck charging in Europe based on truck stop location data

Florian Biedenbach – Forschungsstelle für Energiewirtschaft e.V. (FFE)

Size matters: Multi-use optimization of a depot for battery electric heavy-duty trucks

Simon Buderath – P3 group GmbH

Challenges and requirements of megawatt charging infrastructure for long-haul trucks

Roland Ferwerda – NKL Netherlands

Public fast-charging network for logistics companies

LECTURE SESSION 5C – MANAGING EV FLEETS – ROOM B2

Charlotte Argue – Geotab Inc.

Leveraging aggregated vehicle data to take the guesswork out of fleet electrification

Steffen Link – Fraunhofer Institute for Systems and Innovation Research ISI

Where to charge battery-electric trucks in Europe: A GIS-based statistical analysis using real-world truck data

Edward Heath – Amsterdam University of Applied Sciences

Droop rate controlled DC bus charging plaza

Lloyd Ickes – First Student

Process overview and unique considerations for deploying commercial fleet infrastructure for a school bus fleets

Harm Weken – FIER Sustainable Mobility

Charging the electric truck fleet' - Learnings from Dutch frontrunners in zero emission logistics

LECTURE SESSION 5D – NATIONAL STRATEGIES – ROOM B6

Linda Olofsson – Swedish Electromobility Centre, Chalmers University of Technology

System perspective for large scale implementation of electromobility- The Swedish Electromobility Centre

Scott Dwyer – Institute for Sustainable Futures, University of Technology

Strategic integration of electrified fleets for mutually optimised systems: An Australian analysis

Erik Figenbaum – Institute of Transport Economics

The policy process behind Norway's BEVolution

Andre Dias – Daloop

Plug-in hybrid electric vehicles fleet penetration issues: empirical results from two Portuguese business fleets

LECTURE SESSION 5E – THE EXPANDING MARKETPLACE – ROOM B7

Jennifer Kwong – EPRI

Southern Company passenger EV tracking study

Pete Slowik – International Council on Clean Transportation

Assessment of light-duty electric vehicle costs and consumer benefits in the United States in the 2022-2035 time frame

Theodora Konstantinou – UC Davis

Understanding the used vehicle market and its implications for electric vehicles

Aditya Ramji – Institute of Transportation Studies, University of California Davis

Bridging demand and supply: Investigating US EV production and financing the transition

EVS36 Lecture Session Program

Tuesday, June 13

3:30 PM-5:00 PM

Session 6

LECTURE SESSION 6A — SMART CHARGING AND THE GRID OF THE FUTURE — ROOM B3

Lukas Schriewer — P3 automotive GmbH

Smart charging: Status, drivers & obstacles to integrate EVs into the electricity grid in the EU

Annegret Stephan — Fraunhofer Institute for Systems and Innovation Research ISI

Smart charging in Germany: Acceptance and tariff design

Frank Geerts — ElaadNL

Accelerating national scale up of Smart Charging in the Netherlands

Manuel Ruppert — Karlsruhe Institute of Technology

Impact of V2G flexibility on congestion management in the German transmission grid

LECTURE SESSION 6B — BUILDING EQUITY INTO EV INFRASTRUCTURE — ROOM B4

Kihyun Kwon — Institute of Transportation Studies, UC Davis

Spatial equity analysis of electric vehicle (EV) charging infrastructure in urban and rural areas of California based on neighborhood walkability

Angelina Rahimi — Aura Planning Inc.

Powering e-mobility hubs in underserved communities: Lessons learned

Jared Johnson and Michelle Pierce — Acterra: Action for a Healthy Planet

Model state building code for equitable EV charging in multi-family housing

LECTURE SESSION 6D — EVALUATING POLICY APPROACHES — ROOM B6

Nicholas Pallonetti — CSE

Vehicles replaced by rebated electric vehicles in California

Makuochukwu Okoma — Center for Sustainable Energy

The impact of electric vehicle charging stations on light duty electric vehicle adoption and rebates California.

Donald Hoard — Center for Sustainable Energy

Facilitating data-driven policy in the electric vehicle market: introducing the Caret suite

Ram Vijayagopal — Argonne

Impact of U.S. DOE Vehicle Technologies Progress In Technoeconomic Feasibility of Future Electrified Vehicles

LECTURE SESSION 6E — BATTERY AND EV DESIGN IN THE MARKET — ROOM B7

Christian Daake — P3 automotive GmbH

P3 Charging Index: Comparison of the fast charging capability of various battery electric vehicles

Hans Pohl — Lindholmen Science Park

Battery research and innovation – a study of patents and papers

Hanif Tayarani — University of California Davis

Battery chemistry choices by OEMs: Implications for future EV transitions

Aditya Ramji — Institute of Transportation Studies, University of California Davis

India-led electric two-wheeler transitions in the global South

EVS36 Lecture Session Program

Wednesday, June 14

8:00 AM-9:30 AM

Session 7

LECTURE SESSION 7A — HOW TRANSIT AFFECTS THE GRID — ROOM B3

Julian Brendel — Reiner Lemoine Institut GmbH

Impacts of inductive charging on 24h on-demand operation of shared autonomous electric vehicle fleets

Adrian Gomez — Forth

Reduce, reuse, repower: The benefits of electric school bus repowers

Hampus Alfredsson — RISE Research Institutes of Sweden

Charging infrastructure of electrified public transport - A case study of Linköping city

William Drier — Electrification Coalition

From A to Z: Implementation guide for using V2X-enabled electric school buses as mobile power units for emergency response

LECTURE SESSION 7B — CHARGING AND BATTERY PERFORMANCE — ROOM B4

Aaron Loiselle-Lapointe — Environment and Climate Change Canada

Effects of bi-directional charging on the energy and range of a 2018 model year battery electric vehicle

Simon Haverkamp — UMLAUT energy GmbH

Electrical protection systems for grid forming electric vehicles in island grids

Jéssica Santos Döhler — Uppsala University

Analysis of charging and discharging of electric vehicles

LECTURE SESSION 7C — TIPPING THE SCALES — ROOM B2

Yin Qiu and Cristina Dobbelaere — CALSTART

Real-world energy efficiency analysis and implications: medium-duty and heavy-duty EV deployments across the US

Daniel Speth — Fraunhofer Institute for Systems and Innovation Research (ISI)

Modelling a capacity-constrained public charging infrastructure network for electric trucks in Germany

Steven King — Electrification Coalition

Electric freight consortium: Driving EVs at scale

Claire Sugihara — University of California, Davis

Assessing actor inputs to fleet electrification in the medium and heavy-duty freight sector

LECTURE SESSION 7D — LOCAL AND REGIONAL STRATEGIES AND INITIATIVES — ROOM B6

Katja Gicklhorn — e-mobil BW

International cooperation as a success factor for the industrial transformation process in the automotive sector

Andreas Josefsson — Lindholmen Science Park

Regional electrified logistics system demonstrator supporting market transition

Aditiya Ramji — Institute of Transportation Studies,

University of California Davis

Lewis Fulton — Institute of Transportation Studies,

University of California Davis

Lessons from California ZEV policy: Transition pathways for India

Sarah Booth — Sawatch Labs

Utility project case studies in fleet electrification

LECTURE SESSION 7E — SUSTAINABILITY AND ACCESSIBILITY — ROOM B7

Sam Pournazeri — ICF Incorporated L.L.C

Quantifying the environmental justice impacts of zero-emission vehicles

Léa D'amore — VUB ETEC MOBI

Economic and environmental assessment of technologies optimizing the execution of long trips for electric vehicle

Anya Robinson — University of California, Davis

Heterogeneity of electric vehicle ownership across rural California

EVS36 Lecture Session Program

Wednesday, June 14

9:45 AM-11:15 AM

Session 8

LECTURE SESSION 8A — MODELS FOR OPTIMIZING INFRASTRUCTURE — ROOM B3

Sebastian Bösche – UMLAUT energy GmbH part of Accenture
Standardized management of queueing and reservation for EV charging stations

Dale Hall – ICCT (International Council on Clean Transportation)

An ICCT model assessing conductive charging infrastructure needs for light-duty vehicles

Ulrich Kalex & Amber – ABB eMobility Digital Ventures GmbH
Charge planning for grocery distribution

Karim Hamza – Toyota Motor North America

Utility factor curves for plug-in hybrid electric vehicles: Beyond the standard assumptions

Ewan Pritchard – Energetics

Evaluating electric vehicle public charging utilization in the United States using the EV WATTS dataset

LECTURE SESSION 8B — BATTERY AND DRIVETRAIN TECHNOLOGY — ROOM B4

Mikaela Ranta – VTT

Modular and scalable powertrain for multipurpose light electric vehicles

Fabrice Giaume – Calanese

New 3-in-1 approach to higher energy density for EV batteries

Tim Hettesheimer – Fraunhofer Institute for Systems and Innovation Research ISI

Find the right cell for every application: A methodical approach based on cost-parity calculation

Theodoros Kalogiannis – VUB

Co-design multi-objective 3D optimization methodology for battery modules: An active air-cooling study case

LECTURE SESSION 8C — POWERING COMMERCIAL FLEETS — ROOM B2

Sascha Gohlke – Karlsruhe University of Applied Sciences
A smart charging system to efficiently run EV fleets

Jennifer Kwong – EPRI

Medium and heavy duty fleet electrification planning & assessment for utilities

Pamela MacDougall – Environmental Defense Fund

Aravind Kailas - Volvo Group

Solving the charging challenge for commercial electric fleets

Christian Will – Daimler Truck AG

Flexibility potential of smart charging of electric trucks and buses

LECTURE SESSION 8D — ROLE OF REBATES IN MARKET UPTAKE — ROOM B6

Brett Williams – Center for Sustainable Energy (CSE)

Rebate influence on electric vehicle adoption in California

Francis Alvarez – Center for Sustainable Energy

Home charging accessibility trends within the clean vehicle rebate project

Amrita Chakraborty – ITS, UC Davis

Understanding the impact of EV-rebates across sociodemographic groups and the equity concerns

EVS36 Market Builder Forum

Monday, June 12

Session 1

9:45 AM - 10:25 AM

MARKET BUILDERS SPEAKERS – THE INFRASTRUCTURE IMPERATIVE – MEETING THE NEEDS OF EVERY DRIVER

John Gartner (moderator) – Senior Director, Transparency and Insights – Center for Sustainable Energy

Doron Frenkel – CEO – Driivz

Frankie McDermott – COO – SMUD

Ashley Horvat – VP Head of eMobility, NA – Schneider Electric NA

Jan Freimann – COO – WAVE Charging

Kenneth Tennyson – Sr. Director Of Quality and Conformance – Electrify America

10:35 AM - 11:15 AM

MARKET BUILDERS SPEAKERS – THE INFRASTRUCTURE IMPERATIVE II – BEYOND CARS

Dan Bowermaster (moderator) – Head of Electric Vehicle Research – EPRI

Mike Battaglia – Chief Revenue Officer – Blink Charging

Sara Rafalson – Vice President, Market Development & Public Policy – EVgo

Arthur Mandel – Director of Strategy Initiatives – Port of Los Angeles

Phil Jones – Principal – Alliance for Transportation Electrification

David Owen – Manager, Electrification – CenterPoint Energy

Christian Will – Daimler Truck AG

11:30 AM - 1:00 PM

MARKET BUILDERS SPEAKERS – TAKE IT TO THE LIMIT: THE FUTURE OF ELECTRIFIED COMMERCIAL VEHICLES

Bill Elrick (moderator) – Co-Director, Mobility Strategy – Hydrogen Fuel Cell Partnership

John Mikulin – Mobile Source Sub-Lead Coordinator – U.S. Environmental Protection Agency

Jackie Birdsall – Senior Engineering Manager – Toyota Motor North America

James Kast – Hydrogen Infrastructure Manager – Iwatani

Michael Stark – EV Program Manager – Freightliner Custom Chassis Corporation

Maciej Wojeński – Co-Founder – Ekoenergetyka

3:30 PM - 5:00 PM

MARKET BUILDERS SPEAKERS – ELECTRIFYING TRANSPORT: HOW CALIFORNIA IS LEADING THE WAY IN ELECTRIFICATION OF THE MEDIUM- AND HEAVY-DUTY SECTOR

Laura Renger (moderator) – Executive Director – CALETC

Chris Shimoda – SVP, Government Affairs – California Trucking Association

Hannon Rasool – Director, Fuels and Transportation Division – California Energy Commission

Paul Ameja – Manager – California Air Resources Board

Melodee Black – Senior Policy Advisor – Southern California Edison

Session 2

Session 3

EVS36 Market Builder Forum

Tuesday, June 13

Session 4

9:45 AM - 10:25 AM

MARKET BUILDERS SPEAKERS – WEST COAST CLEAN TRANSIT REGIONAL CORRIDOR

Bill Boyce (moderator) – Secretariat – West Coast Clean Transit Corridor

Tonia Buell – Alternative Fuels Program Manager, Innovative Partnerships – Washington State DOT

Andrea Pratt – Zero Emission Technology Program Director – Volvo Group

Mary Brazell – Transportation Electrification Program Manager – Oregon Department of Transportation

Kate Hawley – Electric Vehicle Senior Product Manager – Pacific Power

Session 5

11:30 AM - 1:00 PM

MARKET BUILDERS SPEAKERS – EV SUPPLY CHAINS: THE GLOBAL RACE FOR MATERIALS, TECHNOLOGY, PARTS & PARTNERS

Ajay Chawan (moderator) – Director, Mobility Solutions – Guidehouse

John Graham (IU) – Professor of Risk Analysis and Decision Science – The O'Neill School of Public and Environmental Affairs at Indiana University

Birgit Matthiesen – Director, North America Manufacturing – ArentFox Schiff LLP

Nicole Cicala – Director, Global Procurement, eMobility – EATON

Manoj Karwa – Sales Director, EV Charging Systems – Rhombus Energy Solutions

EVS36 Dialogue with the experts

Monday, June 12

Session A

2:00 PM - 2:15 PM

Kengo Fujiwara — Screen 1

Improving the e-Pedal performance during towing by estimating the vehicle mass

Toshihiko Furukawa — Screen 8

DC-Link capacitor life prediction in an electric motorcycle using the world motorcycle test cycle

Alan Jenn — Screen 7 What is the business case for public electric vehicle chargers?

Morgan Le Cossec — Screen 5

Smart and standardized methodology for optimization of an E-drive system

James Miller — Screen 10

International cooperation under the Hybrid & Electric Vehicle Technology Collaboration Program

Nicolas Sockeel — Screen 6

Validation of a EV load shape tool calculating the grid power to support EVs

Ona Van den bergh — Screen 3

Locating charging stations for shared autonomous electric vehicles with V2G operations in Brussels

Nikolaas Van den Steen — Screen 2

How cost competitive is a speed pedelec really?

Hermann von Kleist — Screen 9

Improving battery lifespan and service trip reliability of EVs in public transport by learning energy consumption

Xia Zeng — Screen 4

Performance diagnostics in photovoltaic-lithium-battery installations using inconsistent field data

2:20 PM - 2:35 PM

Ishant Dudhwal - Screen 8

Multi-attribute balancing for fast charger design using system simulation

Elizabeth France — Screen 7

Emerging trends in North American light duty EV charging regulation

Kelly Hoogland — Screen 10

Exploring the impact of the federal tax credit on the decision to lease or purchase a PEV in California

Seyoung Jeong — Screen 3

Multi-rate sensor fusion localization algorithm using camera and GPS in urban environments

Nicholas Johnson — Screen 1

Using lower-powered solutions to solve EV charging in apartments

Hyobin Kim — Screen 9

Longitudinal control model of curved road using federated learning

Kiran Peirens —Screen 2

Design and use of a modular measurement module for speed pedelecs

Daniel Stetter — Screen 4

BANULA – A novel DLT based approach for EV charging with high level of user comfort and role specific data transparency for all parties involved

Zhiwei Xue —Screen 6

Bidirectional wireless charging for electric vehicle network

Xia Zeng - Screen 5

Novel sensing techniques for lithium-ion battery modeling and states estimation

2:40 PM - 2:55 PM

Felix Deufel — Screen 4

A novel approach for a predictive online ECMS applied in electrified vehicles using real driving data

Andre Dias — Screen 5

Matching model between battery SoC and applications

Beth Ferguson — Screen 2

Public Transit Station Design to Support Micromobility

Kyung-Ho Kim — Screen 3

Modified pure pursuit algorithm robust to localization noise

Michael Lumbley — Screen 7

The future of public DCFC infrastructure

Jafar Shayan — Screen 9

Deep multi-task learning for smart electrical vehicle charging

Ram Vijayagopal — Screen 10

Impact of technology progress and design choices on the techno economic feasibility of electric vehicles

Kevin Wood — Screen 1

Early evaluation results of charging programs and end-user behavior

Tang Yao — Screen 8

Charging station placement optimization using probability distribution and queueing model with time-varying arrival rate

Sunghoon Yu — Screen 6

Disturbance observer based traction control in hybrid electric vehicles

3:00 PM - 3:15 PM

Scott Bruce — Screen 2

Low speed electric vehicles – the key to transforming personal and light utility transportation toward a more sustainable future.

Tacksu Kim — Screen 4

Development of validated PHEV model through control analysis based on test data

Edward Heath — Screen 8

Battery supplemented EV charging plaza for a limited capacity grid connection

Tiffany Hoang — Screen 10

Senate Bill 1000 California electric vehicle infrastructure deployment assessment

Chloe Livingstone — Screen 7

Electric vehicles: Leading the way on public EV charging infrastructure

EVS36 Dialogue with the experts

Tuesday, June 13

Session B

2:00 PM - 2:15 PM

Sylvain Bacquet & Nicolas Leto — Screen 6

Simulation and testing of self reconfigurable battery advanced functions for automotive application

Koralle Buch — Screen 10

Electric cars in California: Early adopters' total cost of ownership

Laurane de Gendre — Screen 3

Zero emission fleet composition optimization model

Wei Liu — Screen 5

Design and analysis of wireless brushless DC motor system with primary control

Kazuya Maita — Screen 7

Optimization of fuel cell output and traction battery capacity for a small fuel cell bus

Subra Narayan — Screen 4

Fire safety in e-Mobility

Alina Richter — Screen 1

How hydrogen & fuel cell technologies evolve Baden-Württemberg's automotive sector

Nick Shaw — Screen 2

Exploring hydrogen's role in decarbonising the UK's transport system

Dennis Verbist — Screen 9

Meet the Belgian e-driver 2022

Simon Weekx — Screen 8

One charging station is not the other: spatial-temporal analysis of public charging stations

2:20 PM - 2:35 PM

Yiyuan Fang — Screen 7

Speed change pattern optimization for improving electricity consumption of electric bus and its verification by actual vehicle

Tim Hettesheimer — Screen 3

The role and potentials of electric vehicles in corporate mobility management

Jinho Jang — Screen 4

Development of electric commercial vehicle torque monitoring system for functional safety

Bartek Kras — Screen 1

Cost efficient high power battery for Hybrid Power Pack destined for fuel cell powered heavy duty vehicles

Jaime Lemus — Screen 9

EV Access thru EV lowriding

Songtao Li — Screen 6

Multi-channel multi-frequency wireless power transfer system for automated guided vehicles

Lukas Schriewer — Screen 8

Importance of interoperability for a seamless EV charging experience

Patrick Schutzeich — Screen 5

A predictive cabin conditioning strategy for battery electric vehicles

Nick Shaw - Screen 2

Electrification and Hydrogen - identifying the technology solution for decarbonising the UK's road freight fleet

Todd Trauman — Screen 10

Clean fuel programs' role in advancing the electrification revolution

2:40 PM - 2:55 PM

Laurane de Gendre — Screen 7

Resilience estimation for on-route and depot battery electric bus charging: Methodology and insights

Aradhana Gahlaut — Screen 10

Energy and costs savings from electrified transit: A case study on electric bus performance in Bermuda

Tomohiro Higashi — Screen 5

Experimental investigation of desiccant-coated heat exchanger for electric vehicles

Hideki Kato — Screen 4

A review of the electric vehicle use as a electricity supplier in a disaster in Japan

Yanning Li — Screen 3

When will California's electric distribution system need to be upgraded to meet electric vehicle charging demand?

Michael Schlick — Screen 1

Assessing the future hydrogen demand in the mobility sector for the Ulm region in southern Germany

Alex Stonich — Screen 8

Reducing costs, speeding deployment, and increasing quality of EV charging installations

Tengbo Yang — Screen 6

Qualitative comparison of axial-field magnetic-differential flux-reversal motors with and without permanent magnets

Kelly Yearick — Screen 9

Community impacts: Accessible electric vehicle carsharing programs

Josey Wardle - Screen 2

Developing the opportunity for V2X bidirectional charging in the UK

3:00 PM - 3:15 PM

Marc Doerfer — Screen 10

Industrializing innovation globally

Theodoros Kalogiannis — Screen 5

A compact and self-sustained thermal management system for electric-vehicles

Wiebke Labudde & Yannick Platow — Screen 7

Optimized planning of e-bus charging infrastructure based on Monte Carlo Simulation

Angela Sanguinetti — Screen 9

Electrifying ridehailing: A cross-sector research agenda

EVS36 Dialogue with the experts

Tuesday, June 13

Session B — Continued

3:00 PM - 3:15 PM

Göktuğ Burak Çalık — Screen 8

Battery sizing & EV mode PMU algorithm in military armored hybrid electrical vehicles

Dersu Çeliksöz - Screen 8

Motion control system development of serial hybrid electric tracked vehicles

Anke Freitag — Screen 1

Engineering and operational excellence for customer centric global public charging networks

Chloe Livingstone - Screen 2

Electric vehicles: Leading the way on inclusively designed charging infrastructure

Nicolas Pinto-Vieira — Screen 3

EV smart charging in buildings: Making the case for scale deployment

Josey Wardle —Screen 2

Developing the opportunity for V2X bidirectional charging in the UK

Anna Wilkens — Screen 4

Reducing the environment impact of large battery systems with electric road systems

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