

# EVS37

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2	ABST-0043	A Study on the Steering Wheel Grip Condition for Safety Assessment	Poster
3	ABST-0051	Projecting Electric Vehicle Electricity Demand and Charging Loads	Oral
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7	ABST-0057	A Study on the Discovery of Future Promising Technologies by analysing patent trends related to waste battery recycling	Poster
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9	ABST-0059	Key Technology of Next-Generation Battery HILS for BMS Development	Oral
10	ABST-0062	The Long and Short of Future Public Charging Infrastructure Requirements	Oral
11	ABST-0063	Technologies and Standardization of V2L adapter for Electric Vehicle	Poster
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13	ABST-0065	Optimal fast-charging strategy for cylindrical Li-ion cells	Poster
14	ABST-0066	Coordinated Charging and Dispatching for Large-Scale Electric Taxi Fleets based on Bi-level Spatiotemporal Optimization	Oral
15	ABST-0068	Patent Landscape and International Benchmark of Electric Machine Technologies for Electric Mobility	Poster
16	ABST-0069	Research for developing new EV post-crash fire safety test in Korea (KNCAP)	Poster
17	ABST-0070	Navigating the Road Ahead: The Evolution of 800V High Voltage Electrical Architecture in Electric Vehicles (see note in abstract)	Oral
18	ABST-0071	A Method of real-time generation of cruise speed profile based on reinforcement learning for minimizing driving energy consumption of an electric vehicle	Oral
19	ABST-0072	Optimizing Software-Defined Vehicle Performance: A Framework of Continuous Monitoring and Server-Based Analysis	Oral
20	ABST-0073	Emerging Research Priorities for Enabling a Resilient Electric Vehicle Battery Metals Supply Chain ? Identification and Expert Evaluation	Oral
21	ABST-0074	Innovation in Vehicle-to-Grid Systems: Volvo Cars' First AC V2G Experiment	Oral
22	ABST-0075	Using a Simple Controller to Achieve Navigation Purpose in the Farm Fields	Poster
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136	ABST-0209	Learning Driver's Preferred Trajectory with Inverse Reinforcement Learning	Oral
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138	ABST-0211	Examining model-based fast charging and preconditioning on vehicle level	Oral
139	ABST-0212	Building resilient supply chains for the 2035 global EV market	Oral
140	ABST-0214	A Study on Model Integration Methodology and Application Case for Multi-Domain System Simulation	Oral
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209	ABST-0302	Development of an Optimization Tool for Selecting Powertrain Specifications of AWD Electric Vehicles	Poster
210	ABST-0303	Development of a Wheel Slip Controller Based on In-Wheel Regenerative Braking for Energy Efficiency	Oral
211	ABST-0305	How Disruptive are Unreliable Electric Vehicle Chargers?	Oral
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253	ABST-0357	A Study on Concept development of handling performance in Architecture stage using Driving Simulator	Oral
254	ABST-0358	V2X : specifications and definitions for building interoperable use cases	Oral
255	ABST-0359	A Comprehensive Framework for Assessing Electric Vehicle Charger Reliability	Oral
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285	ABST-0395	Catalyzing Progress: Assessing the Influence of U.S. Department of Energy Research and Development on Enhancing Efficiency and Reducing Costs in Light Duty Fuel Cell Vehicles	Oral
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307	ABST-0418	Plug-in Hybrid Electric Vehicle 4WD with Electrified Rear Axle	Poster
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309	ABST-0420	Battery State Classification for the Configuration of Energy Storage Systems with reuse battery based on Random Forest	Poster
310	ABST-0421	Suppression of Electric Vehicle Thermal Runaway by Injecting Water into Battery Case	Oral
311	ABST-0422	Total Cost of Ownership and Societal Cost of Battery Electric and Hydrogen Fuel Cell Trucks in Norway	Oral
312	ABST-0423	Optimize eDrive NVH by harmonic injection using active DoE	Poster
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314	ABST-0425	Growing EV Charging Access Through Regional Collaboration	Oral
315	ABST-0426	Electrical safety in eMobility	Oral
316	ABST-0427	Automated Three-dimensional Spatial Optimization for Electric Vehicle Powertrains	Poster
317	ABST-0428	Design and Development of Virtual ECU for EV Traction Motor Control Using S-function.	Oral
318	ABST-0429	Meeting the mark: Examining the alignment of ZEV targets and binding regulations in leading markets	Oral
319	ABST-0430	Geometric Scaling Laws for Axial Flux Permanent Magnet Motors	Poster
320	ABST-0431	User-Centric Electromagnetic Radiation Measurements: Comparing Conditions during Electric Vehicle Charging or Driving with Embedded and Aftermarket Connectivity Technologies	Oral
321	ABST-0432	Perceptions of electric vehicles in low income communities	Oral
322	ABST-0433	Optimizing Battery Monitoring: Insights from Integrated Fiber Optic Sensors	Oral
323	ABST-0434	From Thermal Runaway to No Thermal Propagation	Oral
324	ABST-0435	Development of a RLS-based Path Tracking Control Algorithm for Autonomous Mobility with External Condition and Covariance Self-Tuning	Poster
325	ABST-0436	A Study on EV Battery Swelling Detection using Resistive Pressure Sensor	Oral
326	ABST-0437	Collaborative Assembly of Hairpin Coils	Poster
327	ABST-0438	Reuse, Repair, Remanufacture, Recycle, and Upgrade of Electric Motors for Vehicles: An Overview	Oral
328	ABST-0439	Calculation of Electromagnetic Losses by Estimated Harmonic Current of High-Speed SPMSM for FCEV Air Compressor	Poster
329	ABST-0441	Accelerating Smart Charging and V2X: Lessons learned from Use Cases across Europe	Oral
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333	ABST-0445	Memory Access Performance Analysis for Aurix Multicore MCU	Poster
334	ABST-0446	Development of Control Logic for Electronic Parking Brake for Pneumatic Brake Based on Model-Based Design Engineering	Poster
335	ABST-0447	Approach to Reduce Parasitic Inductance in Automotive Power Modules Considering Selected Parallelization of Power Terminals	Oral
336	ABST-0448	Cooling Design of 50 kW-Transformer for Fuel Cell DC-DC Converter Considering Electromagnetic-Thermal Characteristics	Poster
337	ABST-0449	Cooling Design of Heatsink for GaN Device in Power Conversion System	Poster
338	ABST-0450	Copy and Paste based Data Augmentation for Perception in Autonomous Vehicles	Poster
339	ABST-0451	Optimal Operation Framework for Multi-Distributed Energy Resources Assisted- Electric Vehicle Charging Station	Poster
340	ABST-0452	Development of Deep Learning-based Algorithm for Extracting Abnormal Deceleration Patterns	Oral
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