



LATIN AMERICA BATTERY SAFETY SUMMIT 2023

August 8 & 9 | Hyatt Regency, Mexico City

DAY 1 Tuesday, August 8		
AGENDA		
BATTERY TECHNOLOGY & SAFETY CONCERNS FOR ELECTRIC VEHICLES		
Time (Mexico City time)	Program	Speakers
08:30 am – 09:30 am	Registration & Networking	
09:30 am – 09:35 am	Opening Remarks	Dr. Charlotte Farmer Senior Vice President and Chief Operating Officer, UL Research Institutes
09:35 am – 09:40am	Welcome & Introduction	Dr. Judy Jeevarajan Vice President & Executive Director, Electrochemical Safety Research Institute (ESRI), UL Research Institutes Dr. David Steel Executive Director, UL Standards & Engagement
09:40 am – 10:35 am	Keynote Address	Dr. Arumugam Manthiram Professor, Walker Department of Mechanical Engineering, The University of Texas at Austin
10:35 am – 10:55 am	Overview of Global Automotive Industry and Trends	Mary Joyce VP & GM, New Mobility, Connected Technologies, UL Solutions
10:55 am – 11:10 am	Q&A	
11:10 am – 11:30 am	EV Lithium-ion Batteries: Safety Issues and Trends	Dr. Judy Jeevarajan Vice President & Executive Director, Electrochemical Safety Research Institute (ESRI), UL Research Institutes
11:30 am – 11:45 am	Q&A	
11:45 am – 12:00 pm	BREAK	
12:00 pm - 12:20 pm	Particulate Emissions from Thermal Runaway	Dr. Vinay Premnath Principal Engineer, Southwest Research Institute (SWRI)
12:20 pm – 12:40 pm	EV Fires – A New Challenge for Responders <i>(video presentation)</i>	Kurt Vollmacher Independent Expert, New Energies and Creator and Project Leader of ISO 17840 Rescue Information Standards
12:40 pm – 01:00 pm	EV and Micro-mobility Devices: The Challenges They Present to the Fire Service	Jasen Dodson Battalion Chief Emerging Technologies, Loudoun County Department of Fire, Rescue and Emergency Management
01:00 pm – 02:00 pm	LUNCH	
02:00 pm – 02:20 pm	Micro-mobility Device Fires in Buildings <i>(video presentation)</i>	Dr. Steve Kerber Vice President and Executive Director, Fire Safety Research Institute (FSRI), UL Research Institutes
02:20 pm – 02:40 pm	EV Fires and Standards	Alec Krabbe Project Engineer, Standards Development Engineering, UL Standards & Engagement
02:40 pm – 03:00 pm	Worldwide Standardized Responders Information <i>(video presentation)</i>	Kurt Vollmacher Independent Expert, New Energies and Creator and Project Leader of ISO 17840 Rescue Information Standards
03:00 pm – 03:45 pm	Panel Discussion	Featuring J. Dodson, M. Joyce, A. Krabbe, A. Manthiram, and V. Premnath. Moderated by Dr. Judy Jeevarajan
03:45 pm – 04:00 pm	BREAK	
04:00 pm – 04:30 pm	Benefits of Standards and Certification Systems to Support the EV Industry (Batteries used in the auto industry (both for vehicles and trucks) - UL 1973 Standard for Batteries for Use in Stationary, Vehicle Auxiliary Power and Light Electric Rail (LER) Applications - UL 1974 Standard for Evaluation for Repurposing Batteries - UL 2271 Standard for Batteries for Use in Light Electric Vehicle (LEV) Applications - UL 2580 Standard for Batteries for Use in Electric Vehicles	LaTanya Schwalb Principal Engineer, Energy & Industrial Automation, UL Solutions
04:30 pm – 04:45 pm	Q&A	
04:45 pm – 05:00 pm	Summary & Wrap-up	Sonya Bird Vice President, International Standards, UL Standards & Engagement Diana Rico Senior International Standards Specialist, UL Standards & Engagement
05:30 pm – 07:30 pm	Cocktail	



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DAY 2 Wednesday, August 9		
AGENDA		
OPPORTUNITIES & SAFETY CHALLENGES FOR ELECTRIC VEHICLES		
Time (Mexico City time)	Program	Speakers
08:30 am – 09:30 am	Registration & Networking	
09:30 am – 09:35 am	Opening Remarks	Dr. Charlotte Farmer Senior Vice President and Chief Operating Officer, UL Research Institutes
09:35 am – 09:40 am	Welcome & Introduction Recap of Day 1	Dr. Judy Jeevarajan Vice President & Executive Director, Electrochemical Safety Research Institute (ESRI), UL Research Institutes Dr. David Steel Executive Director, UL Standards & Engagement
09:40 am – 10:10 am	Benefits of Standards and Certification Systems to Support the EV Industry <i>(video presentation)</i> Electric vehicles - UL 2750 Outline of Investigation for Wireless Power Transfer Equipment for Electric Vehicles - UL 2251 Standard for Plugs, Receptacles, and Couplers for Electric Vehicles - UL 2594 Standard for Electric Vehicle Supply Equipment Charging stations - UL 2202 Standard for Electric Vehicle Charging System Equipment	Joseph Bablo Principal Engineering Manager – Energy Storage and E-mobility & Principal Engineer – Automotive Equipment and Associated Technologies, Energy & Industrial Automation, UL Solutions
10:10 am – 10:25 am	Q&A	
10:25 am – 10:45 am	Opportunities & Safety Challenges for EV Batteries: Mexico	Margarita Alcántara Mexico's Director General of Global Economic Promotion
10:45 am – 11:00 am	Q&A	
11:00 am – 11:20 am	Opportunities & Safety Challenges for EV Batteries: Bolivia	Oscar Vargas National Director of Standardization, Instituto Boliviano de Normalización y Calidad (IBNORCA), Bolivia
11:20 am – 11:35 am	Q&A	
11:35 am – 11:50 am	BREAK	
11:50 am – 12:10 pm	Opportunities & Safety Challenges for EV Batteries: Ecuador	Luis Iván Sánchez Loor Director of Studies and Information of the Electricity Sector, Agency for the Regulation and Control of Energy and Non-Renewable Natural Resources, Ecuador
12:10 pm – 12:25 pm	Q&A	
12:25 pm – 12:45 pm	Opportunities & Safety Challenges for EV Batteries: Brazil	Hercules Da Silva Head of the Verification and Technical-Scientific Studies Division, Instituto Nacional de Metrologia, Qualidade e Tecnologia (INMETRO)
12:45 pm – 01:00 pm	Q&A	
01:00 pm – 02:00 pm	LUNCH	
02:00 pm – 02:20 pm	Opportunities & Safety Challenges for EV Batteries: Costa Rica	Marbeth Delgado Standardization Project Manager, Technical Standards Institute of Costa Rica (INTECO)
02:20 pm – 02:35 pm	Q&A	
02:35 pm – 02:55 pm	Lithium-ion Battery Recycling	Dr. Albert Lipson Principal Materials Scientist, Argonne National Laboratory (U.S.)
02:55 pm – 03:05 pm	Safety of Lithium-ion Battery Reuse	Dr. Judy Jeevarajan Vice President & Executive Director, Electrochemical Safety Research Institute (ESRI), UL Research Institutes
03:05 pm – 03:15 pm	Communities Leading The Charge: Battery Recycling Solutions That Stick	Christiane Maertens Founder, DoGoodery
03:15 pm – 03:30 pm	Joint Q&A	
03:30 pm – 03:40 pm	BREAK	
03:40 pm – 04:15 pm	Next Steps/Action Plan – Open Floor <ul style="list-style-type: none"> How can ULRI/ULSE help these regions? Form a working group or coalition to work on actionable plans based on two days of summit 	Dr. Judy Jeevarajan Vice President & Executive Director, Electrochemical Safety Research Institute (ESRI), UL Research Institutes Sonya Bird Vice President, International Standards, UL Standards & Engagement
04:15 pm – 04:30 pm	Summary & Wrap-up	Dr. Judy Jeevarajan Vice President & Executive Director, Electrochemical Safety Research Institute (ESRI), UL Research Institutes Dr. David Steel Executive Director, UL Standards & Engagement
05:00 pm – 07:00 pm	Dinner	