

2023 LIFE-CYCLE ANALYSIS FOR TRANSPORTATION SYMPOSIUM

<https://lcats.swri.org>

LCATS 2023 Agenda & Speakers

The second Life-Cycle Analysis for Transportation Symposium (LCATS) will take place Nov. 16-17, 2023, in San Antonio, Texas. Submit questions to Graham Conway, Ph.D., at graham.conway@swri.org, or call +1 210 522 5134 for more information.

DAY I (Nov. 16, 2023)

Time	Company	Speaker	Title
Introduction & Keynote			
8:30	Southwest Research Institute	Graham Conway	Welcome & Opening Address
8:45	ClearFlame Engine Technologies	Ameya Joshi	An Overview of Transport Decarbonization Pathways for Near Zero Emissions
Session 1 - LCA Studies			
9:15	FEV	Sree Palle	GHG Footprint and Total Cost of Ownership Analysis of Various Powertrains and Vehicle Types
9:45	Colorado State University	Dr. Noah Horesh	Cost and GHG of various EV charging systems including DC fast charging, battery swapping, and dynamic wireless power transfer
10:15	Stillwater Associates	Adam Schubert	Decarbonizing ICEVs – A Key Step in the Energy Transition
10:45	Networking Break 1		
Session 2 - LCA Modeling			
11:15	Transportation Energy Institute	Jeff Hove	Scope 1 and Scope 2 Emissions Reporting with GREET
11:45	Marquis Energy	Tyler Angus	Variations in modeling for fuel Life Cycle Analysis
12:15	Toyota Motor North America R&D	Dr. Karim Hamza Dr. Ken Laberteaux	Lifecycle Analysis of Cost and Greenhouse Gas Emissions of Light-Duty Vehicles via Open-Source Tools and Public Datasets
12:45	LUNCH		
Session 3 - Low Carbon Fuels			
2:00	Growth Energy	Chris Bliley	The Future of Biofuels: Key Issues for Achieving Growth in a Carbon-Focused World
2:30	Neste	Matt Leuck	LCA - Tank-to-Wheel, Well-to-Wheel, or Vehicle
3:00	Chevron	Bob Anderson	Chevron's path to a Lower Carbon Future
3:30	Vertimass	Dr. John Hannon	Consolidated alcohol deoxygenation and oligomerization for low-cost renewable fuels
4:00	Networking Break 2		
Panel I - The Role of Low Carbon Fuels			
4:30	SwRI Transportation Energy Institute Growth Energy	Thomas Briggs Jeff Hove Chris Bliley	
5:30	Day I Close / Networking / Dinner		

ADVANCED SCIENCE. APPLIED TECHNOLOGY.

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DAY 2 (Nov. 17, 2023)

Time	Company	Speaker	Title
Day 2			
9:00	CanmetENERGY (Dept. of Natural Resources Canada)	Dr. Yinghai Wu Hajo Ribberink	Electric Road Systems - A general overview
Session 4 - Policy			
9:30	Comprehensive Carbon Impact	Andrew Schreck	Assessing the investment and policy implications of mobility technology for the US Army, and for industry
10:00	MECA	Michael Geller	Lifecycle Analysis in a Policy Framework
10:30	Renewable Fuels Association	Geoff Cooper	The collision of energy policy and LCA: 15 years later
11:00	Networking Break I		
Panel 2 - LCA, Why Bother?			
11:30	Chevron Renewable Fuels Association MECA	Bob Anderson Geoff Cooper Michael Geller	
12:30	LUNCH / END		