The second Life-Cycle Analysis for Transportation Symposium (LCATS) will take place Nov. 16-17, 2023, in San Antonio, Texas. The event showcases various academic, industry and institutional research efforts on LCATS topics. Life-cycle analysis is a vital tool to understand total emissions produced during the manufacture, use and recycling/disposal of automotive vehicles. A “zero” definition at the tailpipe does not fully capture total cradle-to-grave emissions. With a focus on policy, this symposium is ideally placed to help guide future rulemaking efforts.

**Symposium Topics**

- **Policy and Rulemaking** — Updates on LCA in rulemaking and plans for implementation
- **Powertrain Comparison** — Comparison of different powertrain types and scenarios
- **Alternative Energy Sources** — Battery types and chemistries, hydrogen production and storage, alternative fuels, e-fuels, and bio-fuels
- **Manufacturing and Recycling** — Designing with recyclable materials and components, battery second-use strategies and recycling, designs for end-of-life teardown and recycling
- **Infrastructure** — Electrical grid and infrastructure, Hydrogen, Alternative fueling
- **Simulation Methods**

**Registration & Information**

Visit [lcats.swri.org](http://lcats.swri.org) to register or contact Graham Conway at graham.conway@swri.org and +1 210-522-5134.