

Utah State University

DigitalCommons@USU

College of Engineering News

Colleges

9-22-2016

New Electrified Transportation Research Center Opens at USU | College of Engineering

USU College of Engineering

Follow this and additional works at: https://digitalcommons.usu.edu/engineering_news



Part of the [Engineering Commons](#)

Recommended Citation

USU College of Engineering, "New Electrified Transportation Research Center Opens at USU | College of Engineering" (2016). *College of Engineering News*. 105.

https://digitalcommons.usu.edu/engineering_news/105

This Book is brought to you for free and open access by the Colleges at DigitalCommons@USU. It has been accepted for inclusion in College of Engineering News by an authorized administrator of DigitalCommons@USU. For more information, please contact digitalcommons@usu.edu.



New Electrified Transportation Research Center Opens at USU | College of Engineering

09/22/2016

News Release – LOGAN, UTAH, Sept. 22, 2016 – A first-of-its-kind transportation research center is opening its doors for business on the Utah State University campus. **SELECT**, the Sustainable Electrified Transportation Center, brings electrified transportation industry members and leading engineering researchers together to develop holistic solutions to global electrified transportation.

SELECT Quick Facts:

- **SELECT** (Sustainable Electrified Transportation Center) is a new multi-university research center located at USU's Electric Vehicle & Roadway Research Facility and Test Track on the USU Innovation Campus in North Logan, Utah.
- Partners include USU, Purdue University, University of Colorado font-weight-bold, Olin College and the University of Colorado Colorado Springs.
- Paid membership gives industry members access to leading expertise of university faculty, first look at new technologies and teaming opportunities to transition technologies to the marketplace.
- To date, more than 40 organizations and state and federal agencies have committed to membership or are attending the center's first annual meeting to explore membership.



The SELECT annual meeting will include a technology demonstration of in-motion charging of an electric bus and other demos involving an autonomous Ford Focus.

The center is comprised of university partners USU, Purdue University, University of Colorado font-weight-bold, Olin College and the University of Colorado Colorado Springs. Members of the center represent a range of industries and sectors including automotive manufacturers, electronics and automotive component manufacturers, transportation agencies, national laboratories, infrastructure developers, military and government agencies. To date, more than 40 organizations and state and federal agencies have committed to membership or are attending the center's first annual meeting to explore membership.

The center's hub is located at USU's Electric Vehicle & Roadway (EVR) Research Facility and Test Track on Utah State University's Innovation Campus.

Center Director Regan Zane, a professor of electrical and computer engineering at USU, says the center will usher in strategic advancements in power electronics, roadway infrastructure and vehicle autonomy toward the goal of sustainable electrified transportation in cities and highways.



Organizers will also showcase an autonomous Ford Focus that can navigate the oval-shaped EVR test track autonomously.

“In this emerging and complicated realm of electrified and autonomous transportation, we see a tremendous need to pull together the experts and stakeholders who will help create the standards and technologies that will make electric, automated road transportation a safe and sustainable reality,” said Zane.

The purpose of SELECT is to facilitate collaboration among members and to streamline the process of getting new technology to the marketplace. Paid membership gives members access to SELECT resources including the expertise of university faculty, first look at new technologies, teaming opportunities to transition technologies and visibility with experienced students across all campuses.

A battery manufacturer, for example, could present a challenge or new idea to SELECT and get the added benefits of multi-university collaboration and industry perspective to help turn ideas into market-ready solutions.

SELECT officially opens with its inaugural Annual Meeting and Technology Showcase – a meeting for center partners and members Sept. 26-28 on the USU Logan campus. Information about the SELECT annual meeting is at conference.usu.edu/selectshowcase/.

As part of the opening meeting, researchers will demonstrate in-motion wireless charging of a bus. There will also be a demo of a Ford Focus traveling autonomously around an oval-shaped test track. Reporters and photographers are welcome to ride on either vehicle. The technology demonstrations take place 2 pm - 5:30 pm on Sept. 27 at the EVR Research Facility and Test Track located at 670 E. 1500 N. in North Logan.

###

IMAGE & VIDEO LIBRARY: <http://bit.ly/2ctVAyY>

SELECT Contacts:

Dr. Regan Zane – Director, SELECT | Utah State University College of Engineering | Dept. of Electrical and Computer Engineering | 435-797-4949 | regan.zane@usu.edu

Dr. David Christensen – Executive Director, SELECT | Utah State University | 435-797-9619 | david.christensen@usu.edu

Media Contact:

Matt Jensen – Utah State University College of Engineering | matthew.jensen@usu.edu | office: 435-797-8170 | cell: 801-362-0830 | [@EngineeringUSU](https://twitter.com/EngineeringUSU) | engineering.usu.edu