Event Details

Build your own cardboard car or truck prototype prior to the event (see instructions here: http://bit.ly/1le3I6s). On the day of the event, bring your vehicle and your driving skills and race on the connected highway! You will hit four stops* along the way:

Stop 1: **Registration** – Arrive at your wave start time and turn in your forms to let us know you are here.

Stop 2: **Pit Stop, sponsored by Campus Automotive** – Work with Virginia Tech faculty and students to equip your car with the sensor systems needed to turn your cardboard vehicle into a connected vehicle.

Stop 3: **Connected Highway** – Head into our Cube, which will be transformed into a highway where you will race against other drivers. Be careful, though. Your car will record how fast you go, detect any collisions you have, and even keep track of whether you stay inside the highway lines. Parents and siblings can enjoy the view from the grandstand.

Stop 4: **Victory Lane** – Park your car and see how you did. Learn more about how connected vehicles could keep you safe.

*The entire event should last between an hour and an hour and a half.

**Background**

Be part of the excitement of the developing research and innovation. Based on research at the Virginia Tech Transportation Institute, this event will engage upcoming drivers with technology that helps cars communicate with other cars and the highways they drive on. All of this could lead to safer driving and highways for everyone!

Connected vehicles and highways are new to the driving experience. You will be helping us test out the technology in this inaugural event. Your car and your experience will help us learn important information about how to work with this technology.

**Registration**

Highways get crowded, so we need to send drivers in waves. Choose your preferred start time when you register. Make sure you arrive the day of the event **5 minutes prior** to your wave start time. To register, use the online registration form: http://bit.ly/1eQNkX9.

This program is part of Virginia Tech’s Institute for Creativity, Arts, and Technology research portfolio. For more information, see http://www.icat.vt.edu/content/icat-outreach-program-forms.