



2024 AMERICAN CONTROL CONFERENCE

SELF-DRIVING CAR STUDENT COMPETITION



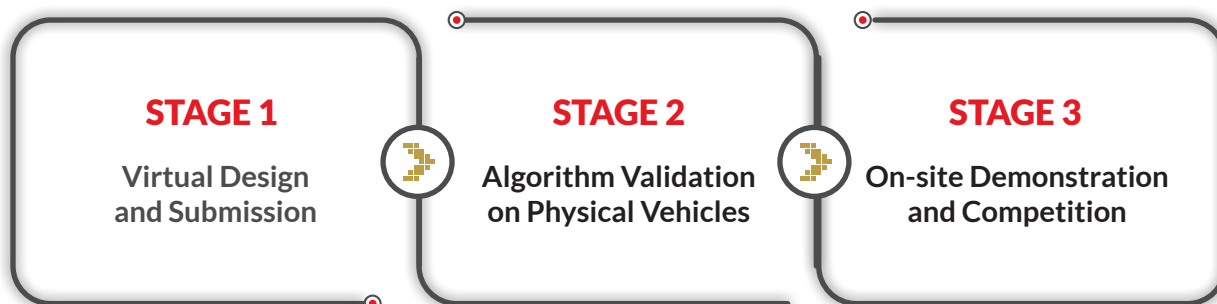
POWERED BY QUANSER

We welcome all engineering faculty to encourage their students to participate in the Self-Driving Car Student Competition during the 2024 American Control Conference in Toronto from July 10-12, 2024.




The competition provides an excellent opportunity for students from around the globe to acquire leading-edge knowledge and develop critical problem-solving skills while also attracting and nurturing next-gen researchers.

The competition committee has configured the self-driving challenge to highlight critical Control Systems concepts that will focus on real-time decisions, and feedback control systems that will result in fast and precise driving performance.

The competition will be conducted in three stages:



The tasks include but are not limited to:

-  Time to complete the path (circuit)
-  Accuracy of driving
-  Timely reactions to stop signs and traffic lights
-  Avoidance of obstacles

The Award Package for the Winning Team:

- **QCar**
The feature vehicle of Quanser's Self-Driving Car Studio
- **QLabs Virtual QCar**
1-year subscription of digital twin virtual environment
- **\$2,000 Cash Prize**
Divided between student team members
- **Golden QCar Trophy**



Winners of the 2023 ACC
Self-Driving Car Student Competition
Northeastern University, USA



**COMPLETE YOUR TEAM REGISTRATION BEFORE
FEBRUARY 29, 2024**

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