MathWorks

SIMULINK STUDENT CHALLENGE

Simulink Student Challenge 2020

Share the interesting projects you're working on using Simulink for the chance to win prizes up to $1000 (USD)! Here's how to participate in the Simulink Student Challenge:

1. Create an original video that includes a:
    - Short introduction to your problem or application
    - Demonstration of how you used Simulink
2. Upload your video to YouTube with the tag "#SimulinkChallenge2020"
3. Submit an entry form by December 4, 2020 (1 p.m. ET)

Learn more about the challenge

It's that easy! Check out some of the winning videos from last year's challenge for inspiration. Don't have Simulink downloaded? No problem! Create and edit your models from a web browser using Simulink Online.

Velocimeter using Advances Digital Filters (VADER)

This project uses Simulink and Model-Based Design approach to create a high-accuracy optical length and velocity sensor named 'VADER.'

» Watch video

SafeTown

The SafeTown project aims to create a small-scale road map where autonomous vehicle robots drive freely without colliding with each other.

» Watch video

Robotic Arm on Caterpillar Tracks

This project uses Simulink to develop a robot with a three-link manipulator on a movable platform with caterpillar tracks.

» Watch video

Smart Grid Incorporating Electric Vehicle

This project demonstrates the integration of Electric Vehicles (EVs) to a Smart Grid that allows parked EVs to provide energy and associated services to the electricity grid.

» Watch video

Contact us if you have any questions about participating in the challenge.

The MathWorks, Inc. - 3 Apple Hill Drive, Natick, MA 01760 - 508-647-7000