

RoboPlay Competition

MAY 18, 2019

2019 RoboPlay Theme:
Racing
& Automotive



Video Competition

RoboPlay Video Competition is a robotics-centric video competition for K-14 students. It is designed for students to learn robotics while having fun and exploring their creativity in writing, storytelling, art, music, choreography, design, video editing and film production, and at the same time seamlessly learning C-STEM subjects.

Video Content

- The robot(s) and their coded movements must be critical to the video. All scenes should focus on robots as the primary figures.
- Each video must be between 1 and 5 minutes long.
- All elements of the video, except music, must be produced originally by the students.

Video Submission Deadline: April 12, 2019

About RoboPlay Competition

RoboPlay Challenge Competition is a level-playing-field robotics competition where achievement is solely based on students' ability and not what resources they have available! RoboPlay Video Competition allow students to explore their creativity in writing, story telling, art, music, and film production.

Challenge Competition

RoboPlay Challenge Competition is a theme-based level-playing-field robotics competition for students in grades 5-12. It is designed for students to showcase their real-world math problem solving skills in a competitive environment. This competition simulates a real-world problem, such as space exploration, search and rescue operation, and manufacturing and automation, where a robotic solution must be quickly developed and deployed, using only existing resources with the constraint of the time. The theme this year will be racing and automotive. The competition challenges students to creatively use modular robots and accessories to complete various tasks. The competition arena and specific challenges will be unknown to participants until the day of the competition. Using their math, programming, and problem solving skills, student teams try to most efficiently obtain the highest score for each task on their own.

Registration Deadline: March 22, 2019

Locations: UC Davis and Irvine, CA

Contact Us

For more information about the Roboplay Competition or the C-STEM program, please visit c-stem.ucdavis.edu/roboplay or email cday@c-stem.ucdavis.edu.

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