UCDAVIS
C-STEM Center

RoboPlay

Call for Participation
2014 RoboPlay Video Competition

Registration deadline: April 18, 2014
Video submission deadline: May 16, 2014
C-STEM Day: May 31, 2014
http://c-stem.ucdavis.edu

A RoboPlay Video shall present a creative video starring Mobots. Videos can feature human-robot interaction, but the robots must be the focus of the video. For example, if the robot ends up just being a trivial prop the video may get disqualified. On the other hand if the robot is a character that is being interacted with, it should be ok.

Winning videos from last year posted here:
http://cstem.ucdavis.edu/c-stem-day/overview/2013-c-stem-day/roboplay-video-competition-student-videos/

Divisions:
- Junior Teams with students from middle schools
- Senior Teams with students from high schools
- Community College Teams

Rules for Video Competition:
- All team members must be students in K-14 schools
- Each team must use one or more Linkbot, Mobot or combination of both
- Each team must have a minimum of 3 students contribute to the video
- Each video must be 2-5 minutes long. Videos that are longer or shorter will be subject to disqualification
- The video should have a title
- All elements of the video, except music, must be produced originally by the students
- Backgrounds, sets, and costumes are recommended and encouraged, but not required
- Submissions are encouraged to be creative. Award categories will be as follows:
  - Best Storyline – Video that tells the best story involving the robots
  - Best Choreography – Best synchronization of robots to music or best dance video
  - Most Interesting Task – Best demo of robots completing a task (such as making coffee)
  - Best Custom Designed Part – Given to the group that completes an interesting task or performs an interesting motion through the use of an original designed and built part. Videos hoping to win this award must submit CAD files, or documentation of how the part was built.

Last Edit:	5/27/2014	Add rule that states teams can only win one category award plus the overall award

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The UC Davis Center for Integrated Computing and STEM Education (C-STEM)

- o   Best Overall Video – Awarded to the video that the judges feel like was the overall best submission. This may be awarded independently or in addition to any of the other awards.
  - o   Best Film Promoting Computational Thinking
- For middle school and high school divisions, the above awards are given out for winners of the Northern California submissions, Southern California submissions, and combined statewide submissions
- College division is only available in Southern California
- Teams are limited to winning only one category award plus the overall award
- Additional Rules for the Design Competition
  - o   To enter a part into the design competition, documentation of the part must be submitted in addition to the video
  - o   If the part was rapid prototyped/3D printed, the CAD file must be submitted
  - o   If the part was constructed, blueprints, drawings or sketches must be submitted
  - o   At least a paragraph summary describing the function and use of the part must be submitted as well
  - o   Have all part documentation and detail ready when submitting the video
  - o   Missing any of the above information may result in disqualification for the design award
- Each team must submit a software copy of their well-documented Ch code for controlling robots with a standard heading that includes:
  1. Name of the school the students are currently enrolled in
  2. Name of each student participant
  3. Name of teacher advisers

  A sample on-line document is shown below

```
/* This program is for the 2013 RoboPlay Competition (Video) http://c-stem.ucdavis.edu
   Video Title: This is a Wonderful Robo Story
   School Name: Wonderful Middle School
   School District: Wonderful Unified School District
   Student Names: Cindy Clark, Mary Smith
   Teacher Advisor: John Doe
*/
```

  Failing to do so will result in a lower overall score.
- Upload video submissions to YouTube and submit a link with the Ch code to the C-STEM Video Submission website. The description of your YouTube video should be

  This video is produced by students from YOUR SCHOOL NAME in DISTRICT NAME in COUNTY NAME for the 2014 RoboPlay Competition.
  http://cstem.ucdavis.edu/c-stem-day/

  If you have not created a YouTube account, please follow the instructions in the video at http://www.youtube.com/watch?v=3PFYeXb7fPw to create one.

Team Registration for Video Competition:

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- Each team can have as many members from one school as necessary

- Teams must register before the deadline
- Each teacher can sponsor up to 5 team videos
- The registration fee is $20 for each video submission
- Up to three student representatives will be able to receive the trophy for the winning team
- All team members will receive certificates of participation
- T-Shirts may be purchased separately for $15 a piece

Organizer
UC Davis Center for Integrated Computing and STEM Education (C-STEM)

Co-organizer
UC Davis Integration Engineering Laboratory
UC Davis Computing and Robotics Outreach Club (CROC)

Contact
RoboPlay Competitions Coordinators
RoboPlay Video Competition Coordinator:
RoboPlay Challenge Competition Coordinator:

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