

A Competition Motivating Young Minds to Master the Machine

Robofest is a competition of autonomous robots programmed to act independently and not remote-controlled - that encourages students to have fun while learning principles of physical science, computer science, technology, engineering, and math (STEM), Computer Scienec, and Information and Communication Technologies (ICT). Students design, construct and program the robots, and adult coaches are not allowed to assist during the events.

Since 2000, over 14,000 students have competed in Robofest, including teams from 13 US States, England, Canada, China, France, India, Brazil, South Korea, Mexico, and Singapore.

Teams compete in the junior (grades 4-8), senior (grades 9-12), and college divisions. Student teams, composed of up to seven members each, can compete in several ways:

- Games. Students undertake annual robotic missions.
- Exhibition. Each team has complete freedom to show off any creative autonomous robotics project.
- Associate Events:
 - Vision Centric Robot Challenge (VCRC) develop a vision centric bot to maneuver through an obstacle course
 - Unknown Mission Challenge (UMC) mission tasks will be totally unknown until the day of competition
 - **Bottle RoboSumo**
 - **RoboParade®**
 - Global Robotics Art Festival (GRAF)

2012-2-13 Major Sponsors

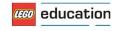


















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Unique Features of Robofest

Look Mom, No Hands!: Students must fully program their robots to perform their missions without human assistance. No joysticks or remote controls are allowed.

Your Mission, If You Decide to Accept It: Is (partly) unknown or dynamic. Students must program their robots to accomplish tasks in a dynamic environment.

Students Rule: While adult mentorship is encouraged, students design, construct and program the robots, and adult coaches are not allowed to assist during the competition.

It's Flexible: Any type of robot kit, materials, actuators, and sensors are allowed. Robots can be programmed with any programming language.

Affordable: Team registration is \$30 ~ \$50 per team. Reusing parts and old kits is encouraged. Teams can be formed by any organization, school, home schools, clubs or civic group.

Everyone is a Winner: All registered participants receive personalized medals and certificates. Winners of the qualifying and championship rounds receive trophies. Top teams in the World Championship senior division receive \$2,000 LTU renewable scholarships.

2013-2014 Timeline

| When | Events |
|--|---|
| Sep 21, 2013 | Bottle RoboSumo Camp & Competition at CWM |
| Oct 26, 2013 | RoboParade in Detroit and SugarLand, TX |
| No 9, 2013 | RoboParade in St. Petersburg, FL |
| Nov 23, 2013 | RoboParade and Global Robotics Art Festival (GRAF) at Macomb Community College |
| Early Dec, 2013 | Unknown Mission Challenge (UMC) at LTU |
| Early Dec, 2013 (Kick-off meetings) | Rules for Spring season to be posted at www.robofest.net . Team Registration begins. |
| Mid Jan ~ February | Free technical workshops at LTU and Webinars |
| Late Feb , 2014 | Warm-up competitions & Judge training at LTU |
| March ~ Mid April | Qualifying & Regional Competitions |
| May 16, 2014 | Bottle RoboSumo at LTU |
| May 17, 2014 | North American Championship at LTU |
| May or June, 2014 | 15 th World Robofest Championship |
| Summer, 2014 | Robofest Summer Camps & RoboMusic Camps |

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