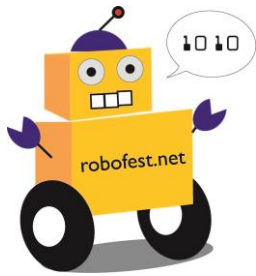


9<sup>TH</sup> ANNUAL  
Halloween

# ROBOParade



Saturday **October 25, 2014, 8:30 - 4:00 pm**

Macomb Community College

South Campus Sports & Expo Center, Warren, MI



*Robofest 2014 Major Sponsors*

## TOYOTA DENSO

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[mindsensors.com](http://mindsensors.com)



**Special thanks to:**

Macomb Community College and the Sports & Expo Center  
All teachers, coaches, mentors, volunteers, and parents  
All the People's Choice Award judges



**Macomb  
Community College**

Education • Enrichment • Economic Development

RoboParade® is a program of Lawrence Technological University's Robofest®

## RoboParade 2014 - List of Teams (40)

Team ID	Team Name	Organization Name	Coach Name	Team City
22-1	Cranbrook1	Cranbrook Kingswood	Betsy Lamb	Bloomfield Hills
22-2	Cranbrook2	Cranbrook Kingswood	Betsy Lamb	Bloomfield Hills
80-1	Ghostly Gang	The Roeper School	Linda Pence	Birmingham
80-2	Bob the Spider Bot	The Roeper School	Linda Pence	Birmingham
528-1	Witches Vs Zombies	William D. Ford Career-technical Center	Zachary Maclean	Westland
810-1	Robo Rockers	Robo Rockers	Rupali Lunani	Rochester Hills
1231-1	Kidpreneur	Kidpreneur	Maurice Tedder	Detorit
1551-1	NCA Lights	Nca Lights	Fred Brauchler	Northville
1551-2	NCA Lights	Nca Lights	Fred Brauchler	Northville
1551-3	NCA Lights	Nca Lights	Fred Brauchler	Northville
1551-4	NCA Lights	Nca Lights	Fred Brauchler	Northville
1551-5	NCA Lights	Nca Lights	Fred Brauchler	Northville
1893-1	AOW Robogirls	Aow Robo	Ivy Horn	Warren
1935-1	BOWMAN	Olv School	Debbie Padalis	Northville
1935-2	Three Witches	Olv School	Debbie Padalis	Northville
1935-3	The Grievors	Olv School	Debbie Padalis	Northville
1935-4	The Unstoppable Crew	Olv School	Debbie Padalis	Northville
1935-5	Bat Girls	Olv School	Debbie Padalis	Northville
1993-1	Smart Robo	Smart Robo	Ajeeta Gawalapu	Novi
2025-1	RoboClimbers	Canton Charter Academy	Anurag Kulshrestha	Canton
2063-1	RoboCo 52 Rhinos	Homeschool	Robin White	Southfield
2109-1	LEGO LEGION	Lego Legion	Srinivas Bommidi	Novi
2121-1	Detroit Robo	Detroit Robo	Radhika Kongara	Novi
2144-1	Stockbridge EV3	Heritage 5 <sup>th</sup> Grade	Josh Nichols	Stockbridge
2145-1	Heritage	Heritage School	Craig Rehmann	Stockbridge
2145-2	Heritage 2	Heritage School	Craig Rehmann	Stockbridge
2148-1	GROOT!	Bionic Dragons	Kevin Hsieh	Novi
2149-1	gompers gators	Gompers Middle School	Kim Bradley	Detroit
2149-2	gompers all stars	Gompers Middle School	Kim Bradley	Detroit
2152-1	Robo Chargers	St. Joan Of Arc Catholic School	Susan Vandermeer	St. Clair Shores
2152-2	Thunder Bots	St. Joan Of Arc Catholic School	Susan Vandermeer	St. Clair Shores
2152-3	Robotic Falcons	St. Joan Of Arc Catholic School	Susan Vandermeer	St. Clair Shores
2152-4	Lightning Bolts	St. Joan Of Arc Catholic School	Susan Vandermeer	St. Clair Shores
2152-5	Booming Bots	St. Joan Of Arc Catholic School	Susan Vandermeer	St. Clair Shores
2154-1	Brookfield Academy – Troy	Brookfield Academy – Troy	Aparna Raghava	Troy
2156-1	RoboTitans	Friends School In Detroit	Ted Anderson	Detroit
2156-2	Team Secura	Friends School In Detroit	Ted Anderson	Detroit
2164-1	MSA Robotic Wizards	Michigan School for the Arts	Suzanne Thebert	Detroit
2164-2	MSA Gymnastic Allstars	Michigan School for the Arts	Suzanne Thebert	Detroit
2164-3	MSA Stars	Michigan School for the Arts	Suzanne Thebert	Detroit

**RoboParade Judges for People's Choice Awards: YOU!** Register and vote using your smart phone, tablet, or (public) laptops. Registered voters may win Amazon Fire, Bluetooth watch or Bluetooth bracelet!!!



### RoboParade Traffic rules (Required Qualifying Test)

1. Robot must be fully autonomous with an official rear bumper.
2. Robot must have a reliable program to follow a black line on a bright surface.
3. Robot must have the ability to detect a vehicle in front of it and stop; then automatically re-start when the vehicle in front has cleared.
4. Robot must display current speed and the speed must be greater than **9** cm / sec and less than or equal to **18** cm / sec.
5. Length of a unit must be less than 35cm; width should be less than 35cm.
6. Each team member must complete a survey.

### Helping Hands Awards (only for students, not for coaches)

Please help **other teams**. You, *student only*, may win "Helping Hands Awards" today. Remember the helper's name and team ID, if you would like to recognize the helper and nominate a Helping Hands award.

### Essay Contest (Optional, starting at 10:30am)

Contestants (max. 80 students) will have an hour to write about a topic related to robotics. LTU students will be the judges, and the winning essay will be read at the closing ceremony. Neat Handwriting Awards will also be given. Rubric for scoring developed by LTU students as follows:

Level 2: 7 <sup>th</sup> , 8 <sup>th</sup> , 9 <sup>th</sup> , and over 9 <sup>th</sup> grades	Level 1: Under 5 <sup>th</sup> , 5 <sup>th</sup> , and 6 <sup>th</sup> Grades
<ol style="list-style-type: none"> <li>1. Main idea (thesis) is insightful and original.</li> <li>2. Paragraphs flow logically and relate to the thesis statement.</li> <li>3. Credible evidence supports the thesis.</li> <li>4. Author explains how the evidence supports the thesis.</li> <li>5. Author shares personal thoughts and experiences.</li> <li>6. Few to no grammatical and spelling errors.</li> </ol>	<ol style="list-style-type: none"> <li>1. Main idea (thesis) is clear.</li> <li>2. Paragraphs flow logically and relate to the thesis statement.</li> <li>3. Credible evidence supports the thesis</li> <li>4. Author shares personal thoughts and experiences to support the thesis.</li> <li>5. Few to no grammatical errors.</li> <li>6. Clarity of Handwriting</li> </ol>

*On a scale of 1-5 with 5 being excellent*

*Faculty advisor: Dr. Melinda Weinstein*

### Upcoming events

- Thu. Dec. 4, 2014 Time TBD      Kick-off meeting and webinar
- January, 2015 (Tentative)      RoboParade at COBO Center
- Sat. May 2, 2015      Michigan Championship
- Fri. May 15, 2015      World Championship BottleSumo, UMC, and WISER
- Sat. May 16, 2015      World Championship Game, Exhibition, and VCC

### MCWT Grant for all-girl Robofest teams

Michigan Council of Women in Technology is happy to provide \$500 for up to six all-girl Robofest teams for the spring 2015 Robofest Game and Exhibition competition. Info and application on the web at: [http://www.mcwt.org/Robotics\\_Grants\\_187.html](http://www.mcwt.org/Robotics_Grants_187.html)

### Robofest Part-time position is open

Robofest is looking for a part-time administrative staff who has passion for taking care of Robofest partners & teams as well as technical skills (web design using CMS, database admin, and *advanced* MS Office, etc.) If interested, please contact Dr. Chung at chung@LTU.edu .

**World Robot Olympiad Teams representing the USA** are looking for sponsors for their travel to Sochi, Russia. If you are interested in supporting the teams, please donate online at: <https://www.lawrencetech.net/wro>