

North American International Auto Show

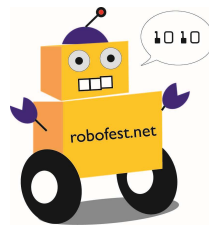
ROBOPARADE®

“A parade of miniature self-driving autonomous cars”

Saturday, January 18, 2014, 9:00 am – 3:00 pm
COBO Center – Lower level Michigan Hall, Detroit, MI



AUTO SHOW



Schedule for the Day

8:30 am	Team Check In
9:00 am – 11:30 am	Qualifying of robots
10:00 am – 2:30 pm	Ongoing RoboParade*
9:00 am – 3:00 pm	Ongoing GRAF demonstrations
11:30 am	Team and robot introductions
...	
2:00 pm	Official group photo
2:30 pm	Awarding of certificates and medals
3:00 pm	Conclusion of RoboParade

*Students must participate for at least three continuous hours, including the 11:30 am team introductions and official RoboParade, to receive a certificate.

ROBOFEST 2013-2014 Sponsors Bronze level or up as of Jan 16, 2014

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For sponsorship opportunities, please contact robofest@LTU.edu

Traffic Rules for RoboParade

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, and then automatically re-start when the vehicle in front has cleared
4. Robot must be able to operate within the speed limit: greater than 7 cm/sec. and less than or equal to 17 cm/sec.
5. The length of a unit (module) must be less than 35 cm.

Teams Participating

Team ID	Team Name	Organization Name	Coach Name	Team City
714-4	Robo Masters	Emerson Elementary School	Kunjan Vyas	Detroit
1232-3	Technocrats	Canton Charter Academy	Pavneet Dhingra	Canton Mi
1283-3	All 2 JESUS*	Homeschool	Molly And Max Pelic	Northville
1570-2	Roboshark Girls	Schalm Lego Robotics League	Todd Wisniewski	Clawson
1571-3	Roboshark Boys	Schalm Elementary School	Andrea Auger Cole	Clawson
1700-12	Courageous	Homeschool Robotics	Jackie Ryan	Sterling Heights
1700-13	Courageous	Homeschool Robotics	Jackie Ryan	Sterling Heights
1700-14	Courageous	Homeschool Robotics	Jackie Ryan	Sterling Heights
1700-15	Courageous	Homeschool Robotics	Jackie Ryan	Sterling Heights
1700-16	Courageous	Homeschool Robotics	Jackie Ryan	Sterling Heights
1877-3	JMS Patriots	Jefferson Middle School	Moira Woods	St. Clair Shores
1879-2	RoboJets	Robojets	Ramprasad Suribhotla	Superior Twp
1905-3	RoboGirلز	Robogirlz	Jane Tarakhovsky	Lake Orion
1953-3	robobrown	Robobrown	Alan Brown	Canton
1990-1	FunRobotics*	Funrobotics	Wei Ding	Northville
1993-1	Smart Robo	Smart Robo	Jogeswara Rao Peddiboyina	Novi

(*) Special thanks to our GRAF demonstration teams: Funrobotics and All 2 Jesus

Upcoming **ROBOFEST** Events (Visit www.robofest.net for more details)

Jan. ~ March 2014

Sat. Feb. 22, 2014

Jan. ~ Apr. 2014

May 3, 2014

May 16, 2014

May 16, 2014

May 17, 2014

Summer 2014

Technical Workshops, LTU, for Robofest teams

Robofest Warmup at Lawrence Tech

Robofest Qualifying Competitions

Robofest Michigan Championship at LTU

BottleSumo, BottleZone, and UMC at LTU

Symposium on STEAM Education at LTU

Robofest World Championship at LTU

Robofest summer camps & RoboMusic camps

Special Thanks:

- Rob Alberts, executive director of the North American International Auto Show (NAIAS). Marilyn Doebler, exhibit compliance director and NAIAS Committee and Staff Members
- Prof. Keith Nagara (Director of Transportation Design Program, College of Architecture & Design, LTU) and Howard Davis (University Advancement, LTU)
- All RoboParade team teachers, coaches, mentors, volunteers, and parents.