



# WRO-USA 2015 Championship

Saturday, September 19, 2015, 8am – 5:10pm

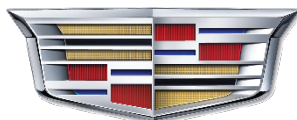
Don Ridler Field House

Lawrence Technological University, Southfield, Michigan

Organized by Lawrence Tech University Robofest

*Qualified teams will advance to WRO Final in Doha, Qatar*

## WRO-USA Sponsors



## Open Category Teams (3)

ID	Team Name	Coach Name	State
1037-7	RH3	Kyounghoan Kim	CA
1102-2	RoboExplorers	Wei Ding	MI
1037-8	TeraByte	Kyounghoan Kim	CA

## Gen II Football Teams (2)

1046-6	Radioactive Unicorns	RoboMindTech	NY
1002-2	Rockin' Robots	Afshin Bayrooti	NY

## Regular University "Bowling" Team (1)

566-2	Robofest	Wei Liu & CJ Chung	MI
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## Regular Elementary “Pearl Diving” Teams (25)

ID	Team Name	Coach Name	State
1012-15	3Volution	Srinivas	MI
1012-23	Blue Angels	Srinivas	MI
1012-22	Challengers	Srinivas	MI
1018-3	Charging Cheezers	Andrew Brown	MI
1037-6	ELECTROS	Kyounghoan Kim	CA
1080-4	Exit 5A Robotics	William Lam	NJ
1012-26	Iron Fist	Srinivas	MI
1042-2	Legion of Bricks	Ky Pham	CA
1012-16	Lightning	Srinivas	MI
1012-19	Mechatrons	Srinivas	MI
1012-18	Mega Tron	Srinivas	MI
1024-2	Minibots	Praveen Puri	IL
1012-25	Minions	Srinivas	MI
1094-5	Mr. Mustache	Mercedes Bleattler	FL
1077-2	Pearl Pirates	PEARL PIRATES	IL
1012-17	Pearl Stealers	Srinivas	MI
1012-21	Radical Robotists	Srinivas	MI
1022-2	RoboGals	Sarah Hollister	IL
1012-28	Rockers	Srinivas	MI
1062-2	Smart Robo	Ajeeta Gawalapu	MI
1027-2	The Instigators	Carol Rinker	IL
1012-27	Thunderbirds	Srinivas	MI
1012-20	Warriors	Srinivas	MI
1032-2	WHOLISTIC ROBOS	Prasuna	IL
1012-24	Wonders	Srinivas	MI

## Regular Junior “Treasure Hunt” Teams (11)

1092-4	Cranbrook 1	Betsy Lamb	MI
1092-5	Cranbrook 2	Betsy Lamb	MI
1092-6	Cranbrook 3	Betsy Lamb	MI
1071-2	Ingenious Inventors	Sachin Walia	CA
1046-5	Irradiated Pegasi	RoboMindTech	NY
1066-2	Legends	Michael J. Linden	IL
1018-4	Pi-Rho Technics	Andrew Brown	MI
1091-2	RoboSTEAMers	Wei Liu & Thomas Shi	MI
1088-2	Trailblazers	Ting-Kuang Chiang	CA
1055-2	Tobornators	Elena Wright	FL
1087-2	Wolverines	Michael Duff	LA

## Regular Senior “Mountaineering” Teams (5)

1007-2	Big Brother	Frank Tappen	MI
1080-3	Exit 5 Robotics	William Lam	NJ
1094-6	Floridian Mountain Climbers	Mercedes Bleattler	FL
1097-2	R2Bot	Deborah Guerrero	FL
1046-4	TEAM KISS	RoboMindTech	NY

## Announcements

- 2 Elementary, 1 Jr, and 1 Sr. tables will be used for competitions. 2 Elementary and 1 RJ tables will be setup for practice.
- Wanted: Adult Judges for Qatar Final, Nov 6-8. If interested, please contact Katie Bis at [kbis@LTU.edu](mailto:kbis@LTU.edu)
- Another opportunity for World Robot Conference in Beijing, China, Nov 23-25, 2015. One RE and one RJ USA teams are invited. If interested, please apply by sending an email at [cchung@LTU.edu](mailto:cchung@LTU.edu), For more info, please visit: <http://www.worldrobotconference.com/en/Home/>
- Concession for breakfast and lunch is available. Please use the order form to pre-order lunch.

## Judges

- Regular Elementary: Mike Dobbyn, Katie Bis, Chris Parker, Lauren Jordan, and Matt Ryan
- Regular Junior: Prathik Akunuri and Lynn Garrison
- Regular Senior: Levi White and Rich Levey
- Regular University: Nimit Changani and Devson Butani
- Gen II Football: David Carbery and Josh Brudnak
- Open Category Judges
  - Afshin Bayrooti, Ph.D. in Mathematics, MD JPMorgan Chase & Co
  - Andrew R. Brown, PhD. in EE, A Brown Design Co.
  - David Carbery, BSEE, P.E., Fanuc Robotics
  - Chris Cartwright, Ph.D., Math and Computer Science Department, LTU – Judging coordinator
  - William Wong, BSEE, MBA, WRO Illinois Tournament Partner, Owner - Chasewood Learning

## Information for Advanced USA Teams

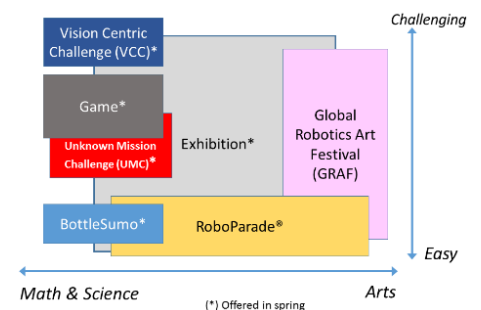
- Selected teams today must decide the participation in Qatar finals by Friday Sep. 25, Noon (EDT) by sending all the participant names by email at [wro@LTU.edu](mailto:wro@LTU.edu). If declined, the next best team may be invited.
- The fee for registration is USD150 for participants, coaches, and judges, and includes three nights' accommodations (November 5, 6, 7) and ground transportation in Qatar (airport-hotel, hotel-venue, venue-hotel, and hotel-airport transfers).
- Parents are expected to cover their own expenses. The hotel rates in Qatar is between USD100 ~ 250. Qualified Open Category Teams must upload a team video and written report by Oct 16, 2015

## About WRO

WRO is a global LEGO Robotics competition. It is an event that brings young people from all over the world together. This year over 50 countries with nearly 20,000 teams are participating in this event. Each participating country has its own competition and the best teams are invited to compete at the World Robot Olympiad in Qatar. Lawrence Technological University Robofest Office ([www.robofest.net](http://www.robofest.net)) is the USA National Organizer.

## About Robofest

Robofest® is Lawrence Technological University's international autonomous robotics program for students in 4<sup>th</sup> grade – 12<sup>th</sup> grade and college using *any* robot kits with categories shown in the Figure. Team registration of RoboParade® and Global Robotic Art Festival (GRAF) is **OPEN NOW**.



## WRO-USA Championship Schedule

Time	Events	
8:00am	Doors open to teams; Judge meetings Robots (RE, RJ, RS, and FB) must be <b>completely</b> disassembled by 8:40am.	
8:45am	<ul style="list-style-type: none"> <li>Announcements &amp; Introduction of VIPs, Judges, Site Hosts, and Teams - Dr. Chris Cartwright</li> <li>Explanation of important rules – RE: Mike Dobbryn &amp; Katie Bis, RJ: Prathik Akunuri, RS: Levi White</li> </ul>	
9:00am	Opening ceremonies <ul style="list-style-type: none"> <li>National Anthem – Kaiya Hollister, Team RoboGals from Illinois</li> <li>Welcome Remarks by Dean Glen Bauer, LTU College of Arts and Sciences</li> <li>Remarks by Claus Ditlev Christensen, WRO General Secretary</li> </ul>	
	<b>Regular Category (Elementary, Junior, and Senior)</b>	<b>Open Category, Football, Reg. Univ.</b>
9:15am	Start of the assembly period for Regular teams  <b><i>No unauthorized adult is allowed in the pit!</i></b>	Start of the assembly period for Football teams ( <b><i>No unauthorized adult is allowed in the pit!</i></b> )  <b>11:00am</b> Official Presentation of Open Category Teams (Each team will be given 5 minutes) Open category Judges may visit team tables. Teams must be ready for interviews. <b>11:30am</b> Regular University (RU) demo 1
11:45am	1 <sup>st</sup> Quarantine of robots  <b>Lunch break</b>  12:15pm: teams may re-enter the pit	
12:30pm	<b>Round 1</b> begins After a run, the robot must be re-quarantined.	Open category Judges will visit all team tables. Teams must be ready for interviews.
1:30pm	30 min maintenance time begins. Teams can pick up robots. <b><i>No unauthorized adult is allowed in the pit!</i></b>	Football RU demo 2
2:00pm	2nd Quarantine of robots; projection of scores	
2:10pm	<b>Round 2</b> begins After a run, the robot must be re-quarantined.	Open category Judges must submit winners by 3pm to score keeper
3:00pm	15 min maintenance time begins. Teams can pick up robots. <b><i>No unauthorized adult is allowed in the pit!</i></b>	Football RU demo 3 (half)
3:15pm	3 <sup>rd</sup> Quarantine of robots; projection of scores	
3:25pm	<b>Round 3</b> begins After a run, the robot must be re-quarantined.	
4:15pm	End of round 3. Projection of scores	Football
4:30pm	Group picture with all coaches, team members, and robots (please wear medals)	
4:40pm	Closing remarks: Dr. Maria Vaz, LTU Provost Award of trophies and announcement of teams advancing to WRO Final in Doha, Qatar	
5:10pm	End of the competition. Cleanup begins.	