

An International Robotics Competition

- Mostly NXT, EV3 Platform (some alternative sensors allowed)
- Small Teams – One coach, 2-3 team members
- Single mission
 - unlike FLL-Multiple missions
- Supported by LEGO Education, National Instruments, PITSCO Tetrix, Matrix Robotics Systems, Maersk Oil
- 50+ Member Countries (USA starting 2014)

2015 Competition Schedule

- Competition Challenges Announced (March?)
- Teams Forming & Prepping Now!
- Local Competition
 - Long Beach Sea Base, CA
 - September 12th, 2015
- National Competition
 - Lawrence Tech University, Michigan
 - September 19th, 2015
- International Competition
 - November 6-8, 2015

Previous Competitions

- 2015 Doha, Qatar
- 2014 Sochi, Russia
- 2013 Jakarta, Indonesia
- 2012 Kuala Lumpur, Malaysia
- 2011 Abu Dhabi, UAE
- 2010 Manilla, Philippines
- 2009 Pohang, Korea
- 2008 Yokohama, Japan
- 2007 Taipei

Long Beach Qualifier at the Long Beach Sea Base

- Two levels offered:
 - Elementary – Pearl Diving
 - Middle – Treasure Hunt
 - Question out as to whether we can add high school.
- Min 5 Teams per category
 - less may cause competition to be cancelled by LTU
- We provide a minimum of one table per category
 - Think FLL table, but slightly different
 - They will send us mats
- Need to consider referees, judges, volunteers, food for the day, Large canopies for parking lot and team comforts

Observations

- Not well developed in US
- Not well known in US
- Hosting a competition also requires seeking out teams and getting the word out about the competition.
- Timing is good for a summer EV3 program for your youth students or project for your kids
- Almost 10 year old International competition warrants attention.
- Onsite assembly of robot from parts is interesting mix-up.

Who Competes?

Can provide focus activity for kids generally interested in LEGO Robotics

Can be good prep for FLL

Can be good alternative for top FLL robotics team members

Easy 2-3 person teams make it more possible for a parent-coach situation

My Tasks Going Forward

I am reaching out to folks who can connect me with interested youth

- Homeschool Community
- BSA/Club Ten
- Shared Science
- RSSC, Riverside Robotics, more

I am reaching out to folks who can connect me with coaches

Same set as above

Team responsibilities include sourcing their own equipment, coach and registration fees for mat, etc - We may be able to provide a 501c3 umbrella for teams with a donor for equipment

Host responsibilities include providing lunch, facilities, competition equipment, comfort, media.

This first year, as hosts I am trying to find locations willing to have teams practice at their locations to reduce costs for teams.

WRO LB Qualifier Committee

- How does the Riverside Robotics want to proceed? i.e. Does the Riverside Robotics wish to support in some way? Judges? Referees? Coaches (would pair with team members). Just listen?
- Is anyone interested in participating on a committee as Riverside Robotics representative?
- John Willauer is also tapped in as youth program representative, but it could also use an additional committee member.
- Committee Meeting on Tuesday 6:30 PM at the Sea Base 5875 E Appian Way, Long Beach (under 2nd street bridge)

How to find out more?

International Site - <http://www.wroboto.org/>

US Site - <http://wroboto.us/>

WRO 2015 -

<http://www.wro2015.org/challenges.php>