



Hi Everyone,

There is a lot going on this week. FRC event selection is now open. VEX World Championship changes location and date. The Fall Classic has taken place and the Fall Workshop Day at CSUN is only a couple weeks away.

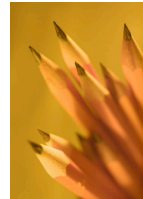
Teams have been meeting, getting organized, training new members, looking for sponsors, and are getting prepared for the upcoming build and competition season.

We had a well-attended Rookie workshop two weeks ago and will include another rookie session at the Fall Workshop Day incase there are additional new teams and mentors who are interested in learning more about FIRST and what to expect during build season and competition season.

-Nancy Mc



The Annual Fall Classic:
A cool place to be on a hot weekend. The annual Fall Classic took place last weekend at John Burroughs High School with 18 teams taking part.



Annual Fall Workshop Day at CSUN on Saturday, November 6, 2010 from 8:15 to 12:30.

After a year off the workshops are back. Information will be available on www.robotevents.com or by e-mailing me at nmcintyre@chaminade.org

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Initial FRC Event Registration opens Thursday, September 30, 2010 at 12 noon EDT: <https://my.usfirst.org/frc/tims/site.lasso>. Also please note that **Kickoff Registration** will open in TIMS on October 14th at 12 noon EDT.

Electronic Consent & Release forms to be available to team contacts: As many of you may recall, last season we allowed student team members to submit electronic consent and release forms via the [STIMS](#). We are planning on making the electronic consent and release form available to team contacts in TIMS this season...more information coming soon!

2011 **FIRST** Safety Animation Award

Contest Information: Your team is invited to participate in the 7th annual **FIRST** Safety Animation Contest for FRC student team members. The winning Safety Animation will be highlighted during the **FIRST** Kickoff on January 8, 2011 and shown at each regional event.

Theme: A Lifetime of Safety

Safety behaviors learned and practiced during the 2011 *FIRST* Robotics Competition can improve all aspects of your life. Your 2011 Safety Animation should demonstrate the ways FRC safety rules will benefit FRC alumni throughout their lifetime.

Topics for consideration include:

Personal awareness of safety issues

Personal Protective Equipment
Safe utilization of hand and power tools
Stored energy
Battery safety
Chemical Safety
Respect of Electricity
Proper lifting practices

The 2010 *FIRST* Safety Manual, which contains the FRC safety rules that FRC alumni are encouraged to live by, is available here

<http://www.usfirst.org/roboticsprograms/frc/content.aspx?id=470>

Criteria:

Animations should

Be created using the software provided by Autodesk for the 2010 or 2011 competition season.

Be no more than 40 seconds long including opening and credits

Be submitted electronically as a region one .iso image of a dvd

Submission:

Animations must be submitted by your team's student award submitter in STIMS
<https://my.usfirst.org/frc/goteams/site.lass>

o between October 14 and December 6, 2010.

Deadline:

Animations must be submitted online by Monday, December 6, 2010 at noon EST.

What would you do with a quarter-million dollars? *FIRST* is one of four lucky

organizations eligible to win \$250,000 through JCPenney's Facebook campaign "Care.

Share. Win!" Learn more at:

<http://usfirst.org/roboticsprograms/frc/content.aspx?id=18204>.

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The LARFLL events page has been updated

(<http://fll.larobotics.org/Events.html>)

and the FLL Team Registration and Event system

(<https://gofll.usfirst.org/events>) with information for all local and qualifying events. Registration is already open for many local events. Registration will open on Friday for the rest of the local events and for all qualifying events. We still need an additional local event on Saturday November 6 somewhere between Santa Monica, Long Beach and Pomona.

LeRoy Nelson is the partner in Los Angeles LeRoyNelson@earthlink.net
Lynn Crockett is the partner in San Diego

Lynn.Crockett@LEGOLAND.com

Sara Tamayose is the partner in Hawaii
stamayose@gmail.com
<http://www.hawaiiifll.org/>

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FIRST[®] Tech Challenge

This year's FTC Kickoff was held online in September 11, 2010, and the 2010 Tournaments will run from early December through early March of 2011. The season will conclude with the FIRST Championship at The Edward Jones Dome in St. Louis, featuring the *FIRST* Tech Challenge World Championship Event. Information on eligibility for the World Championship Event will be released and posted in October.

Los Angeles Partner Suparna Mukherjee
suparna.mukherjee@jpl.nasa.gov

San Diego Partner John Brooks
jbrooks6@att.net

San Diego Partner Marion Brooks
manybrooks@att.net

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A change in the date and location of the 2011 VEX Robotics Competition World Championship to April 14-16, 2011 at the ESPN Wide World of Sports Complex at Walt Disney World outside of Orlando, Florida.

Moving the competition from Dallas was not a quick or easy decision, as the 2009 and 2010 VRC World Championships in Dallas were extremely successful events. Recognizing that, we want to share the primary reasons we have decided to make this change.

1. It's Disney World.

Everyone at the Robotics Education and Competition (REC) Foundation takes our responsibility of planning, managing and growing the VEX Robotics Competition very seriously. We know how much time, effort and passion students, teachers, mentors and volunteers put into the program and want to do everything in our power to make the World Championship at

the end of the season a memorable event to celebrate the entire season. We've had many teams from both the United States and Internationally ask if we'd consider ever holding the World Championship at venues like Disney World or Disneyland. We understand that many teams put an incredible amount of effort into being able to travel to a world championship and want to get everything out of the trip they can, in and out of the competition, including sightseeing and fun activities for the students outside of the competition. VEX teams work hard and deserve the highest quality, highest profile and most exciting World Championship venue we can find – so when Disney became an option, we knew we had to strongly consider it.

2. Preferred dates for schools to avoid conflicts

We have received a lot of feedback from teams and schools that holding the World Championship during the last week in April or first week in May can be very difficult because of:

- conflicts with state or national testing
- conflicts with proms
- conflicts with final exams

We understand that tests, finals and social events like proms are critically important to students and should always be priorities. The VEX Robotics Competition exists to do many things for students: motivate, challenge, educate, inspire, excite and more – all to enhance the educational experience for students in middle school, high school and college. Scheduling events of this magnitude is difficult, and some conflicts will always exist. But we are committed to doing everything in our power to limit such conflicts whenever possible, so when Disney presented this opportunity with dates earlier in April, we knew these dates would be much more convenient and preferable for many teams.

3. We have created many self-imposed requirements when considering locations for the World Championship, much of it based on feedback and input we've received from VEX teams over the years. Some of which are:

- a high quality and safe facility with enough space to ensure that over 400 teams can

participate

- a city with a convenient international airport to ensure the World Championship is accessible to VRC teams from all over the globe
- a facility with reasonable costs to ensure the entry fee remains affordable
- a location that will ensure safe and quality hotel room accommodations available close to the competition
- dates in April which do not land on a major holiday weekend or run into May.

VEXnet Upgrade Return Incentive

Send in both the VEXnet TX Upgrade Module and the VEXnet Microcontroller Upgrade Module (keep your VEXnet USB Adapter Keys) and receive a \$50 coupon code good towards any purchase made on vexrobotics.com. This offer is valid for units returned from September 3 - December 17, 2010.

PIC Microcontroller V0.5 AND 75 MHz Transmitter/Receiver Trade-In Program

The following offer is valid ONLY for VEX Robotics Competition teams that are registered and paid for the 2010-2011 "Round Up" season.

Send in a PIC Microcontroller V0.5, a 75 MHz Transmitter AND a 75 MHz Receiver and receive a coupon code for \$200 off a VEXnet System Bundle.

There are already 110 events posted at RobotEvents at <http://robotevents.com/robot-competitions/vex-robotics-competition>

VEX CAD files can be found at <http://www.vexforum.com/wiki/index.php/VEXCAD>

Vex Design Overview
<http://www.vexrobotics.com/design?ref=home>

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MATE Underwater Robotics Program

The MATE Center coordinates an international student ROV competition and a network of 19 regional ROV contests that take place across U.S. and in Canada, Hong Kong, and Scotland. Student teams from middle schools, high schools, home schools, community colleges, and universities participate in the events, which consist of different "classes" that vary depending on the sophistication of the ROVs and the mission requirements.

In addition to being fun and educational, these competitions connect students and educators with employers and working professionals from marine industries, highlight marine-related career opportunities, and promote the development of technical, problem solving, critical thinking, and teamwork skills.

International Micro Robot Maze Competition

The International Micro Robot Maze Contest has been held for 13 years in Nagoya, which is in parallel with the International Symposium on Micro Mechatronics and Human Science (MHS)

http://imd.eng.kagawa-u.ac.jp/maze/index_e.html

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College Intern needed at Frazier Aviation

If anyone of you have a college student from your team who is local to the San Fernando Valley Frazier Aviation is looking for someone.

<http://www.frazieraviation.com/>

For more information please contact David Caldwell at dcaldwell@frazieraviation.com

818 898-1998

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Upcoming Events:

CAMS/SMI VEX Tournament: Saturday
October 16, 2010

San Diego Fall Workshop: October 30, 2010

Greater Los Angeles Area Fall Workshop:
FRC, FTC and VEX teams welcome.
Saturday November 6, 2010 CSUN

Granada Hills/ SME VEX Tournament:
Saturday, November 20, 2010

VEX Pan Pacific Games: December 2-4, 2010
Honolulu Convention Center, Hawaii

Los Angeles VEX Competition: Saturday,
December 11, 2010 CSUN

Los Angeles FLL Regional: Saturday,
December 18, 2010 Chaminade College
Preparatory Chatsworth, CA

FRC Kickoff 2011: USC School of Engineering
Saturday, January 8, 2011 Location TBD

FRC Pre Ship Scrimmage February 20, 2011
Locat

San Diego FRC Regional March 10-12, 2011

Los Angeles FRC Regional March 24-26, 2011

Hawaii FRC Regional March 24-26, 2011

VEX World Championship Walt Disney World
April 14-16, 2011

FiRST Championship St. Louis April 27-30,
2011

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Resources:

FIRST www.usfirst.org

VEX www.vexrobotics.come

Robotevents www.robotevents.com

Carnegie Mellon Curriculum
<http://www.education.rec.ri.cmu.edu/robotics/curriculum/index.html>

ROC <http://www.hawaiiroc.org/>

Autodesk Student Community
<http://students.autodesk.com/>

Robot Magazine <http://www.botmag.com/>

Chief Delphi
<http://www.chiefdelphi.com/forums/index.php>



Grants and Fund Raising Ideas:

We Are Teachers Grant Due October 12, 2010
<https://mail.chaminade.org/owa/?ae=Item&=IPM.Note&id=RgAAAAARb0RXjnMnRLCykRT1TAvDBwBymuBpX6iOSI6h%2fLOGV%2fokAAftwSU5AABymuBpX6iOSI6h%2fLOGV%2fokAAg%2f049HAAAJ>

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Quote for the week:

"Knowing is not enough; we must apply.
Willing is not enough; we must do."

Johann Wolfgang von Goethe

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Have a great week,

-Nancy Mc
FUTURE Founding Board Member

*(My school e-mail is still the best way to
reach me during the academic year.)*

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nancy@futurefound.org