

Riverside Robotics Society Calendar of Events

We've had a bunch of fun and interesting monthly programs for the first half of the year. Here is a calendar of events for the balance of 2015!

August 15 > Getting Robots to Understand...People

This is my unofficial title :)

For our August meeting, we are pleased to have a special guest lecture from Ross Mead, a PhD Research Fellow from the Computer Science Department at the University of Southern California.



Ross will be sharing a bit from his dissertation on getting robots to understand and use nonverbal communication when interacting with people - hence my unofficial title. Technically this is often referred to as socially assistive robots.

Here are some links to learn more about our speaker:

<http://robotics.usc.edu/~rossmead/>

<http://robotics.usc.edu/interaction/?!=Home:Home>

Who should attend?

This is a really special meeting as we don't typically get PhD Research Fellows driving out to Woodcrest Library. If you are interested in better appreciating the interactions between people and robots, this is a presentation you need to attend. While the presentation while share a technical topic, Ross is so cool that he is packaging the presentation for the robotics novice.

During our August meeting, we will also prepare a bit for Mini Sumobot Competition scheduled for September 19. So, bring your mini sumobot (by definition dimensions are less than 10 by 10 centimeters and less than 500 grams) and get some practice in before the September competition. Official competition rules will be distributed at the meeting.

This meeting is free to the public, so bring a friend.

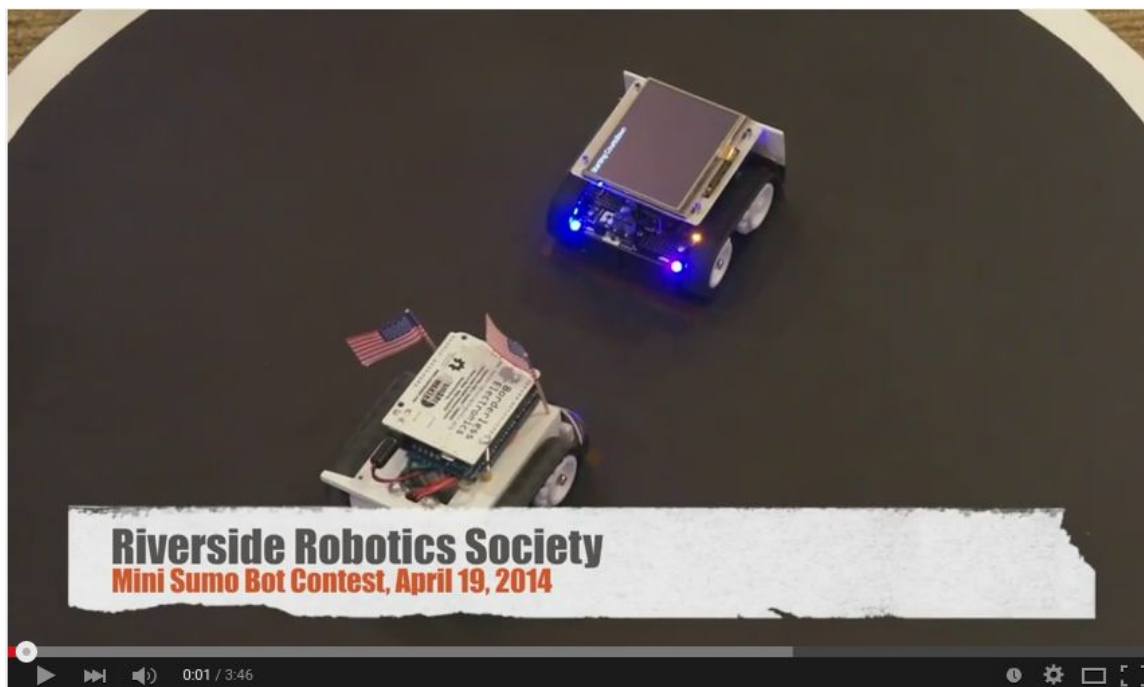
Become a member at: <http://www.meetup.com/The-Riverside-Robotics-Society/>

September 19 > Mini SumoBot Competition

We will hold our annual sumobot competition on Saturday, September 19th. There is no entrance fee for the competition, but you must be a member in good standing (meaning you've paid your \$20 annual membership fee) to participate.

What's a SumoBot Competition?

A sumobot competition is where the goal is to push the other robot out of a circular arena, similar to sumo wrestling. There are multiple weight classes and control systems are allowed but for our purpose, we will focus on the mini sumobot class (by definition a mini sumobot is less than 10 by 10 centimeters in size and less than 500 grams in weight).



Prizes will be award for First, Second and Third Place.

While the meeting is free to attend, you must be a paid member (paid 2015 \$20 annual member fee) to enter the competition.

Who should attend?

Well everyone of course!

Our Mini SumoBot Competition had 6 teams last year and our defending champion is back and wants to win back-to-back championships. Will you beat him?

Here is a recap of last year.

<https://www.youtube.com/watch?v=LF1AwOjrSUA>

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October

There are two events occurring in October.

Oct 3-4 > The Maker Faire is coming to San Diego.

Who should attend?

Families and makers of all kinds. This will be a two-day event that will take over most of Balboa Park. Most of the Maker Faires are held in large cities at a big expense. Take advantage of the fact this Maker Faire is about 3 hours away in beautiful San Diego!

Maker Faire[®]
San Diego

Saturday & Sunday
October 3-4, 2015
10AM-6PM
Balboa Park

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Apply to Exhibit at Maker Faire!

CALL FOR MAKERS STARTS NOW AT
SDMakerFaire.org

Been working on a special project you'd love to show the world? Need a deadline to bring closure to a long-idle passion pursuit? Want to rally friends to co-create something wonderful to share? [Apply now](#) to exhibit.

Now is the time to plan, apply, and get your project gears in motion!

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LET'S BE SOCIAL

Learn here what Maker Faire is all about.

Apply to Exhibit Here "Call for Makers"

Click here for ticketing information.

Subscribe for email updates

See our full list of Sponsors

Tickets are available now at: <http://sdmakerfaire.org/> Also make sure that you book your hotel as soon as possible.

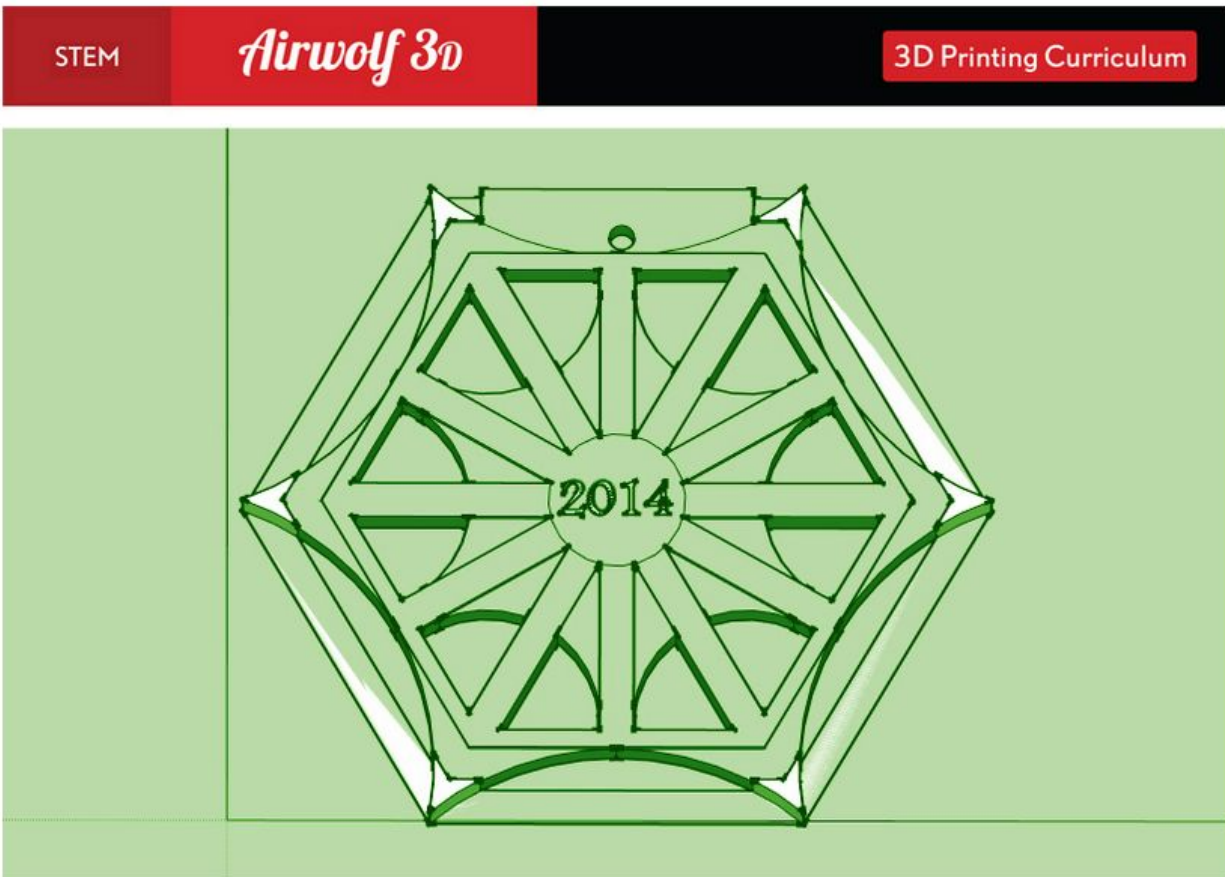
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Oct 17 > 3D Printing with Airwolf STEM Consultant

During the day, John Stevens is an Instructional technology coach for Chaffey Joint Union High School District. This means he leads teachers in applying technology to the content they teach kids.

In the evening, he is a rockstar...well an educational rockstar teaching teachers at <http://www.cue.org/rockstar>. He is also a cofounder of EDCamps Palm Springs and also serves up math lessons at <http://www.lacucinamatematica.com/>.

At our Oct. meeting, John is going to walk us thru a small 3D printing project using Sketchup and printing the project on a Airwolf 3D printer.



Who should attend?

If you are a 3D printing novice or a teacher (especially STEM), this meeting is a no brainer.

Our plan is to make this project interactive. You can prepare now by downloading Sketchup Make (<http://www.sketchup.com/download>) or AutoDesk (<http://www.123dapp.com/design>) for free.

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November

There are two events occurring in November

Nov 7 > The SoCal Maker Convention

Last year this local maker convention launched. It was small yet it attracted some really cool things such as 3D printing, drones and the crowd favorite robot battles. This year is likely be more developed.

Video of the robot battles from SoCa Maker Con 2014:

<https://www.youtube.com/watch?v=di0pPSo7HBw>



Who should attend?

If you enjoyed the Maker Faire in San Diego, you will also like the SoCal Maker Convention. Please note that the SoCal Maker Convention is much smaller and more local.

Tickets are available at: <http://socialmakercon.com/>

Become a member at: <http://www.meetup.com/The-Riverside-Robotics-Society/>

Nov 21 > Gears2Robots Tech Academy Presentation (STEM)

Our longtime friends at Gears2Robot use project-based learning to help kids foster problem-solving and develop critical thinking skills using robots. Based in Temecula, Gears2Robots serves kids from K-12 with classes, camps and workshops.



Who should attend?

If you are a parent with a young child interested in robotics or a parent that provides home schooling, this is wonderful meeting to learn about the Tech Academy. Teachers and other educators are also encouraged to learn how the Tech Academy can augment their programs.

In November, we will also announce and nominate members for the 2016 Officer Election.

Dec 19 > Holiday Party!

In December we will hold our officer elections for 2016 and host our annual holiday party.

Have questions? Want to be member? Contact John below:

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Email: [HelloJohnMcCarthy@gmail.com](mailto>HelloJohnMcCarthy@gmail.com)

Become a member at: <http://www.meetup.com/The-Riverside-Robotics-Society/>