

ROBOFEST

SAN DIEGO 2019



Sponsorship Package 2019

PRESENTED BY



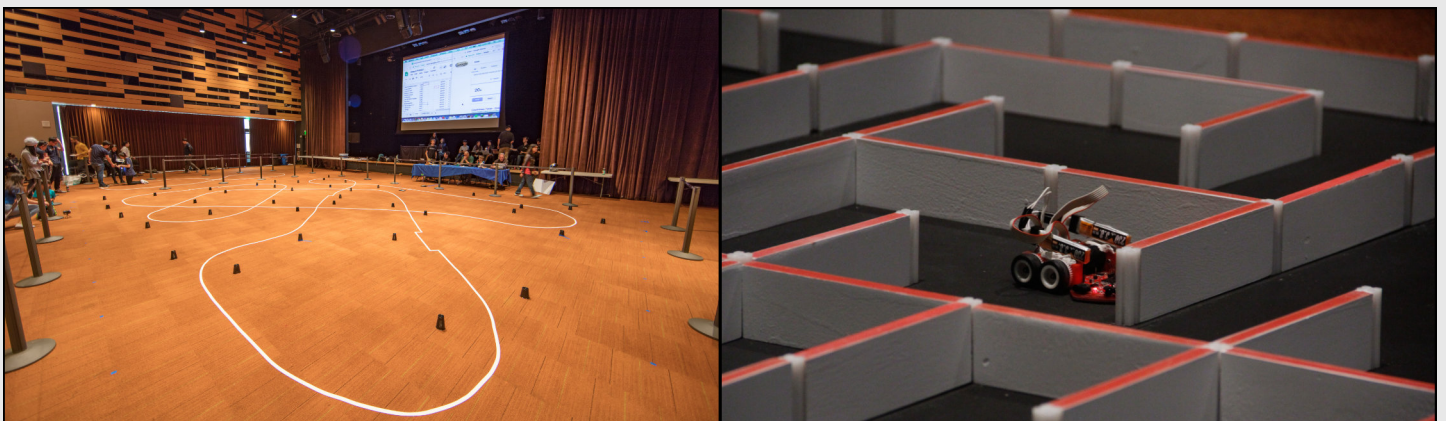
What is Robofest?

2

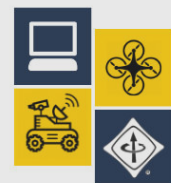
The IEEE Student Branch at UC San Diego has been hosting the California Micromouse and Grand PrIEEE competitions every year around May for the past 8 years and 9 years respectively. Both competitions were held in different consecutive weekends and IEEE has helped organize and run the competitions here at UC San Diego.

This year, we would like to combine both project competitions into a single weekend to be a celebration of robotics projects and extend our invitation to students not only at UCSD, but students at other schools to create the most premier robotics competition in the region.

We would also like to partner with nearby robotics and technology companies in addition to other UCSD student organizations to observe the competition and possibly serve as judges for the competitions.



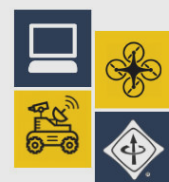
Robofest is intended to be for students, by students to be a collaborative, fun experience where all attendees can find a great experience and and opportunities that could not be found at other events.



UCSD ROBOFEST

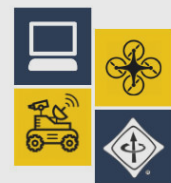
The Projects - Micromouse

Micromouse is the largest annual project at our students branch, where 40 students are sponsored to create a vehicle that can **complete** in our own competition, the California Micromouse Competition (CAMP). In this project, students create **autonomous** 'mouse' that are programmed to solve a 16x16 cell maze in the fastest route possible. *Students learn PCB design, soldering, and embedded programming from us to complete this popular project.*



The Projects - Grand PrIEEE⁴

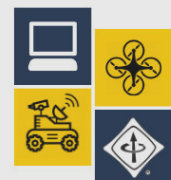
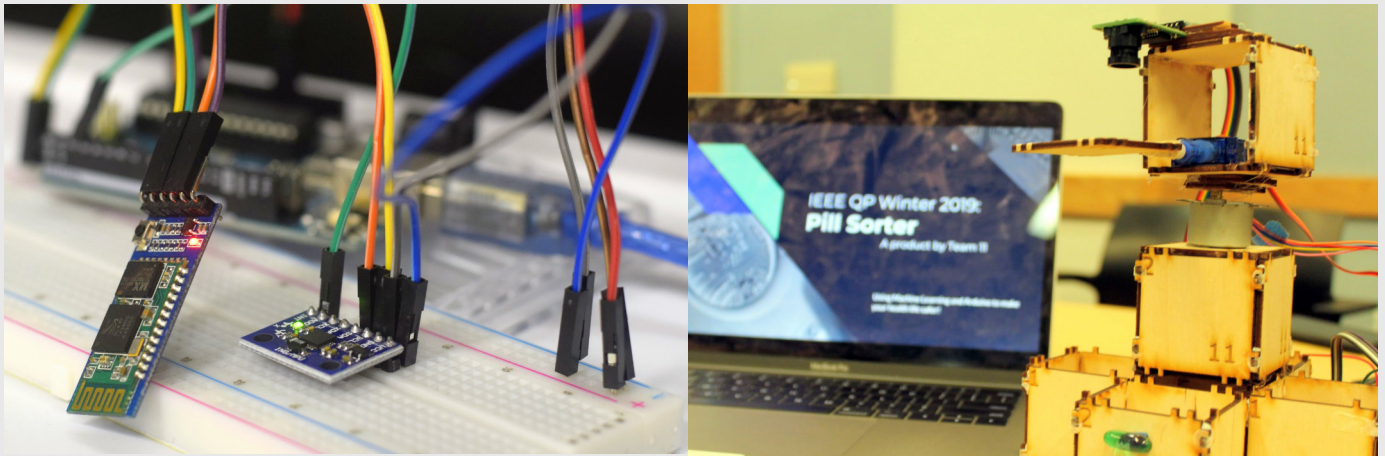
Grand PrIEEE challenges collegiate teams to design and build autonomous vehicles to **to** race on a long track of white tape. There are over 50 UCSD students participating **this** event and we work closely providing mentorship and funding for teams as they build their vehicles. *Students hone their skills in circuit design and PCB design to implement control theory and digital signal processing to complete the track.*



UCSD ROBOFEST

IEEE Quarterly Projects

In addition to the annual projects that IEEE hosts, we also host 2 massively popular quarterly project building programs, Quarterly Projects and QP++! Close to 25 teams of 3-5 students compete in these competitions each quarter, giving them vital system and project building experience. Teams who are accepted into each quarter's programs learn the project building process in a fast paced environment which supports them through technical workshops, mentorship, and a budget. All teams make documentation in order to document their project which is presented with their project at the Final Showcase, which will be hosted at Robofest!

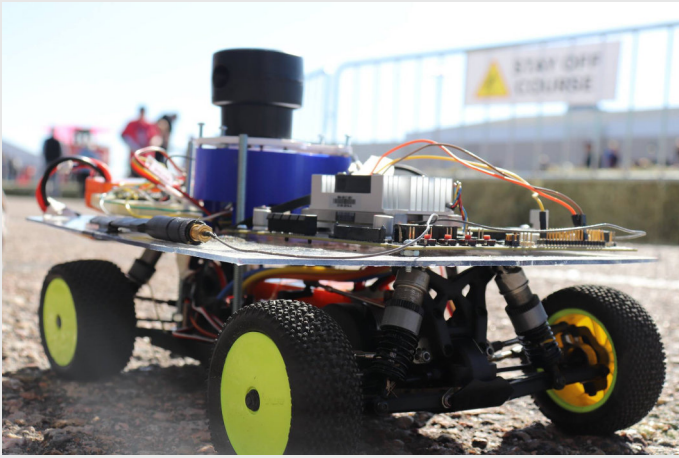


UCSD ROBOFEST

Other Projects Involved

6

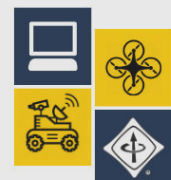
Project Drive



Project Drive consists of a team of a dozen students to create a compact autonomous vehicle that can navigate through an outdoor obstacle course at the SparkFun AvC competition in Niwot, CO. Project Drive is one of our most advanced projects, integrating robotic systems, CAD design, and signal processing in conjunction with control theory and computer vision to navigate the vehicle on the track.

Quadcopter

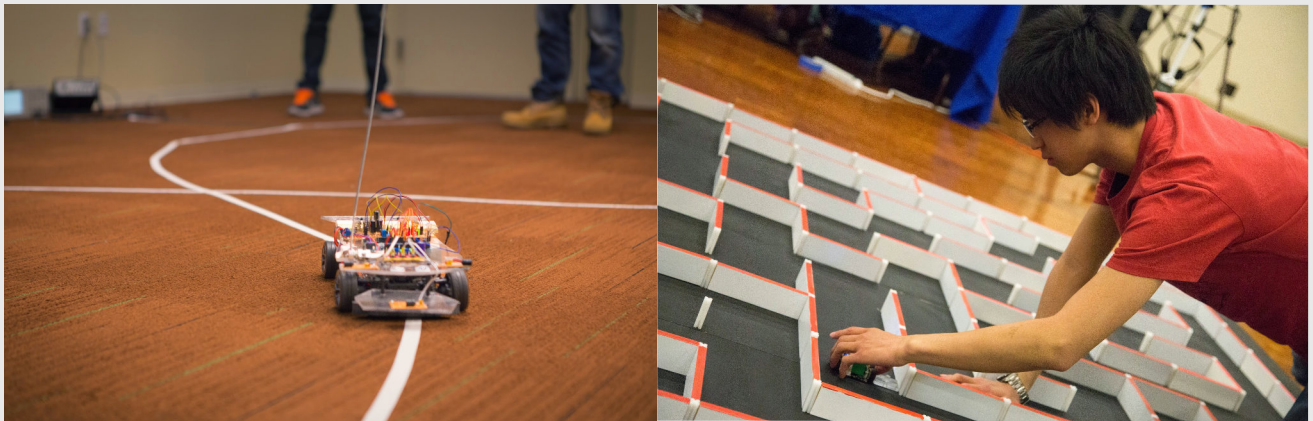
The IEEE Quadcopter Project began in 2014 to compete in the International Aerial Robotics Competition (IARC) where teams compete against the best of aerial robotics technology to complete challenges laid out by the IARC each year. This project integrates multiple robotic systems, and advanced computer vision and control techniques, to create not only a quadcopter that could fly, but also complete challenges laid out at the IARC



UCSD ROBOFEST

Why Sponsor Robofest?

Like any event, Robofest needs support, and therefore we need you! Robofest is run by the IEEE UC San Diego Branch, which is the one of the largest and longest lasting student organizations at **UCSD**, so Robofest has a great potential to have wide reach, with the ability to reach many students not just at UCSD, but at other schools as well. By sponsoring Robofest you could expand your reach in UCSD robotics and network with the greatest in what students have to offer.

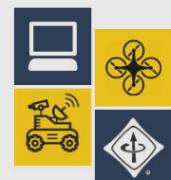


**Be a Part of
Something Great!**

HOW TO GET IN CONTACT:

Feel free to send us an email at:

robofest@ucsd.edu



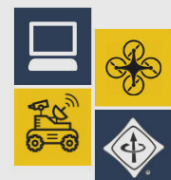
UCSD ROBOFEST

Sponsorship and Donations

You don't need to donate to be a part of Robofest, as everyone is able to network and table for free! However, in order to partner with us on this event, you can make a Tax-Deductible donation to the IEEE Student Branch at UCSD that will go directly towards making Robofest a reality. In addition to being a donor, you can also get the perks below as provided by our organization!

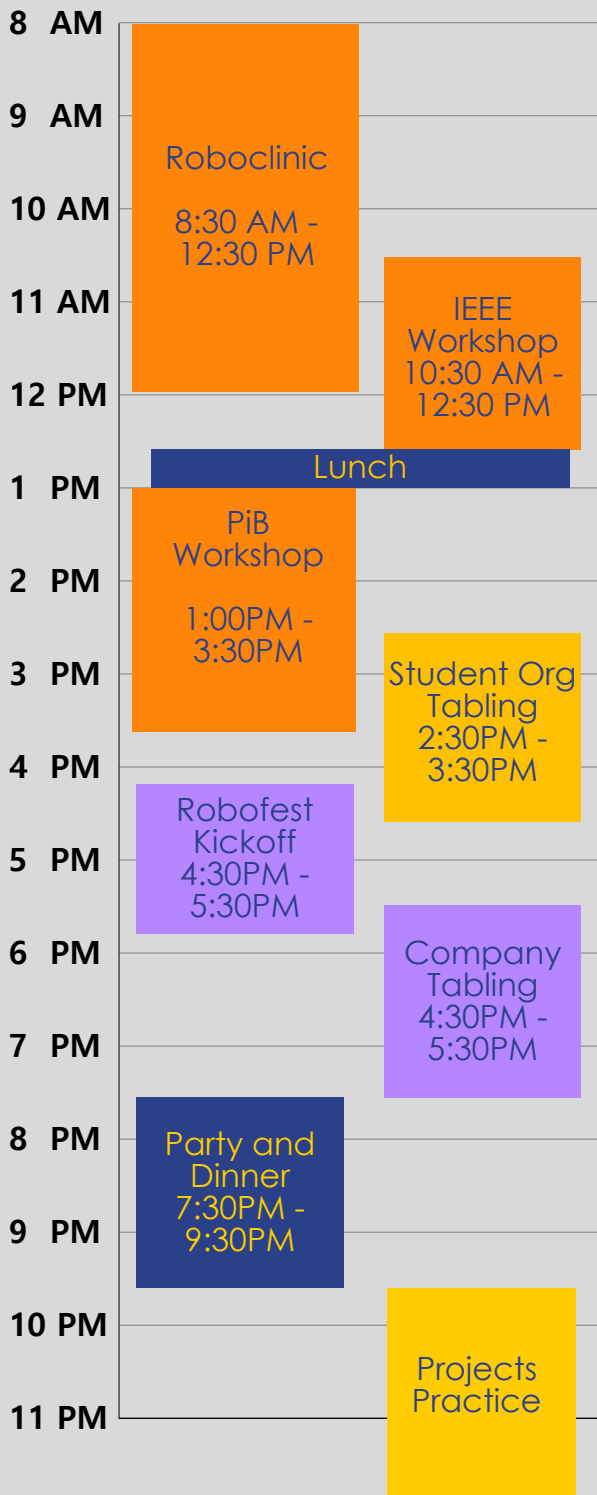
		Bronze \$500	Silver \$1500	Gold \$3000	Diamond \$5000+
Branding	Logo on Website	✓	✓	✓	✓
	Swag Distributed at GBMs	✓	✓	✓	✓
	Logo on Weekly Newsletters		✓	✓	✓
	Logo/Poster Displayed in the IEEE Project Space				✓
	Logo/Banner displayed at Technical, Outreach, and Social Events				✓
Recruiting	# of Tech-talks / info-sessions with venue, food, and advertising	1	2	3	3+
	Recruiting Post in Weekly Newsletters		✓	✓	✓
	Recruiting Post on LinkedIn Group Page and Facebook Page			✓	✓
Other	Invitation to Annual Banquet for 1 representative			✓	✓

IEEE accepts both **monetary funds** and **physical commodity**. Companies that donate physical commodities will be placed into a tier based off the total value of the items provided.



Schedule

Saturday - June 1st



Sunday - June 2nd

