

## **FIRST Robotics Conference**

**Webb Institute**

Glen Cove, NY

The FIRST robotics conference is designed to bring SBPLI and surrounding area teams together to prepare for the season. The conference will take place at Webb Institute. A series of lectures will be presented by students of Webb Institute and mentors from various Long Island FRC teams.

### **Registration**

To register, please email Nolan Conway at [nconway15@webb-institute.edu](mailto:nconway15@webb-institute.edu). Please include the number of team members and the number of parent mentors who plan to attend the conference. There is a 120 student maximum for the conference, so please register early, first come first served. If you do not receive a response to your registration or if you would like more information, please call Ms. Josie Wilson 516-671-2213 ext. 108.

### **Detailed Agenda**

Rookie Teams that have never competed in a FRC competition should arrive at 9:45 AM on the 14th. An introduction to FIRST robotics and the competition will begin at 10:00. All other teams should arrive at 10:45. The first lecture will begin in the school's auditorium at 11:00. The lecture will be on "Strategies of Design," and will cover the basics of what to do once the season has begun. This will be a non-technical but FIRST specific presentation.

The conference will then move into the break-out sessions at 12:00. All students and mentors will choose one of four choice topics: manipulators, drive-train selection, control systems, scouting. Each topic will be presented in a smaller environment allowing for open conversations and questions about the topic to the presenter. These mini-lecture sessions will be technical discussions. The break-out sessions will be followed directly by lunch at 1:00.

The afternoon session will consist of a "mentor question and answer" session. This will begin at 2:00 For this portion of the program, leading mentors from the SBPLI area will be on stage to field questions asked by students and other mentors, and to share stories or tips gained from their experience with FIRST.

The question and answer session will be immediately followed with a final presentation given to the whole group on "how to be a Chairman's winning team." This presentation will be given by a combination of Webb Institute students and team mentors. All teams, even those not looking to apply for this FIRST award, should attend this lecture. The lecture will explain how to better organize your team and how to increase the impact on your community.

### **Lunch**

A pizza lunch will be sold by Team 358, Hauppauge robotics. Beverages will also be made available at lunch and throughout the day. Teams are encouraged to mingle during the breaks. Designated areas will be set up for optional meet-ups between club presidents and other officers to exchange information prior to the build season.

### **Directions**

Arriving from the east: Take the LIE (exit 41N) or Northern State Parkway (exit 35) to NY-107 north (7.7 miles). Continue onto Glen Cove Avenue. At the end of the road you will see a fire house directly ahead, turn right at the traffic light onto Brewster Street. Make the first left at the first traffic light onto Mill Hill road. Follow the hill up and continue up the hill to the right onto Hill Street. Take your second left at the flashing yellow traffic light onto Landing Road. Following signs for the “Holocaust Tolerance Center”, take your first right onto Crescent Beach road. Take Crescent Beach road to the end. As the road bends sharply to the left, Webb Institute is directly ahead. Enter the driveway and veer left through the gate down the main driveway. Parking will be available either in the front lot, or on the lawn to either side of the driveway.

Arriving from the west: Take the LIE (exit 39N) to Glen Cove Road north. From the exit ramp, make a left at the first intersection onto Glen Cove road (6.2 miles). At the end of the road you will see a fire house directly ahead, turn right at the traffic light onto Brewster Street. Make the first left at the first traffic light onto Mill Hill road. Follow the hill up and continue up the hill to the right onto Hill Street. Take your second left at the flashing yellow traffic light onto Landing Road. Following signs for the “Holocaust Tolerance Center”, take your first right onto Crescent Beach road. Take Crescent Beach road to its end (1.2 miles). As the road bends sharply to the left, Webb Institute is directly ahead. Enter the driveway and veer left through the gate down the main driveway. Parking will be available either in the front lot, or on the lawn to either side of the driveway.

### **Webb Institute**

Webb Institute will be hosting the conference in their main academic building, Stevenson Taylor Hall. Webb is a four year bachelors program in Naval architecture and Marine Engineering and is the only college in the country devoted solely to the study of these subjects.. More information about the school can be found at [www.Webb-institute.edu](http://www.Webb-institute.edu).

Applicants will be notified as to any changes in the schedule.

Please consider joining us for the FIRST annual robotics conference!

