



STARBASE ROBINS will host our 13th *Annual Central Georgia FIRST Lego League (FLL) Super Regional Qualifier*. This tournament is considered a second tier of the FLL competition, just before the state qualifier. This year's robotics tournament will be held on Saturday, January 20, 2018. The theme for this year's challenge is HYDRODYNAMICS. We are expecting approximately, 30-40 competition teams to participate in the event. We are requesting assistance from new volunteers and look forward to participation from veteran volunteers. Additionally, volunteer recruitment of your friends, co-workers, and/or family members, would be greatly beneficial. Kindly note, that the 2018 tournament is an all-day event, however, simply inform us in the event you are unable to stay for the entire day. Certain area positions are more critical than others, so it is important to have the right people for the right times. As we get closer to the date of the tournament, STARBASE ROBINS will conduct various training sessions which will be announced via email.

Mark your calendars for the
13th Annual Central Georgia FIRST Lego League (FLL) Super Regional Qualifier

Date: Saturday, January 20, 2018

Time: 8:00 AM-5:00 PM

Location: Century of Flight Hangar (#2) of the Museum of Aviation

Address: 1942 Heritage Boulevard, Warner Robins, Georgia 31098



Certain Available Tournament Area Positions are listed below

(Note: Position Descriptions are attached)

- ✓ Judges (Robot Design, Project and Core Value)
- ✓ Referees
- ✓ Keepers of the Course (reset the competition tables)
- ✓ Keepers of the Room (help in the volunteer and judge break areas)
- ✓ On-Time Coordinators
- ✓ Information Table
- ✓ Raffle Area
- ✓ Practice Tables

If you are interested in volunteering and/or have any questions email: info@starbaserobins.org

For information on Georgia FIRST, please visit the FLL website: www.georgiafll.org

For information on the Challenge, visit <http://www.usfirst.org/roboticsprograms/fll>



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Date: Saturday, January 20, 2018 Time: 8:00 am-5:00 pm

(Note: Lunch and Breaks are provided to all volunteers)

If you are interested in volunteering and/or have any questions email: info@starbaserobins.org

Project Judge (Time Needed/Assigned: 8:30 AM-4:00 PM)

Sitting and listening to presentations

A *Research Project Judge* will listen to approximately 10 team presentations. The teams can use PowerPoint, present a skit, etc. The students can be very creative. It is up to the team and their imagination. You will judge the presentation according to a rubric provided.

Please visit the *Georgia FIRST Lego League* website for information on the project for this year: <http://www.usfirst.org/roboticsprograms/fll> on the right hand of the screen is the information about this year's challenge. We usually meet with all the judges prior to the event and go over the robot challenges and answer any questions you may have. Note: You do not need to be a robot expert, just enjoy working with students 9 to 14 years of age.

Robot Design Judge (Time Needed/Assigned: 8:30 AM-4:00 PM)

Requires watching the robotics rounds and then asking the team's questions.

A *Robot Design Judge* will listen to approximately 20 team presentations. We will provide a rubric. The teams will basically explain why they picked one challenge over another challenge. They will also run their robot for you and explain what the robot is doing and how they programmed it. We usually meet with all the judges prior to the event and go over the robot challenges and answer any questions you may have. Note: You do not need to be a robot expert, just enjoy working with students 9 to 14 years of age.

Core Value Judge (Time Needed/Assigned: 8:30 AM-4:00 PM)

Watch the teams perform a team work activity and have a question and answer session afterward.

A *Core Value Judge* will observe teams while completing a team work activity in a classroom and then ask the teams questions after the session. All teams will have a table display for their project, complete with poster board, props, etc, they will be available to answer questions. We will provide a rubric. When you are not interviewing the teams, you are observing how the teams interact with each other and other teams. Teamwork is very important to FIRST and you will probably have a lot of input into the ratings. You will be observing teamwork, observing that the students are doing the work and not the adults, etc. Depending on the number of judges we have, will depend on the numbers of teams you will be talking with. We usually meet with all the judges prior to the event and go over the robot challenges and answer any questions you may have. Note: You do not need to be a robot expert, just enjoy working with students 9 to 14 years of age.

On-Time Coordinators (Time Needed/Assigned: 8:30 AM-4:00 PM)

Note: For this position, if you unable to only volunteer for the entire time, simply inform us, so that we can find someone to complete the rest of the time.

In each of the judging rooms (Core value and Project), we will have an *On-Time Coordinator*. We must stay on the schedule as closely as possible. As with anything, once you get behind, it throws the whole day off. We will be having 7 judging rooms on 2 different floors. The teams consist of approximately 10 students, props, poster boards, their coach and miscellaneous parents. The schedule does have time between judging, so that we can get one team in the room as the other is exiting.

Referee (Time Needed/Assigned: 8:00 AM-3:45 PM)

A *Referee* will judge the robotics competition. We will have 6-8 tables with robots running simultaneously and will require a referee on each table. Teams try and accomplish as many of the missions as they can in the time limit. The rounds only last 2 ½ minutes, so it is very fast paced. After a round, you will complete a timesheet as to the number of challenges a team completed; the head referee will review all score sheets and mats. We will have a training session prior to the event.

Keeper of the Course (Time Needed/Assigned: 8:00 AM-3:45 PM)

Note: For this position, if you unable to only volunteer for the entire time, simply inform us, so that we can find someone to complete the rest of the time.

After each robotics match, a *Keeper of the Course* will basically reset the pieces for the next match. Each piece is Velcro-taped to the mat, so you basically place all the pieces in the correct starting position before the next round. Please review the website under the Referee section. The referees will also assist you in resetting the course.

Timekeeper (Time Needed/Assigned: 8:00 AM-3:45 PM)

Note: For this position, if you unable to only volunteer for the entire time, simply inform us, so that we can find someone to complete the rest of the time.

A *Timekeeper* will run the main time clock. We have a small one similar to that of a basketball/gym time clock. With all the action during the rounds, we need someone to start and finish each round.

Scorekeeper and Scorekeeper Assistant (Time Needed/Assigned: 9:00 AM--5:00 PM)

After a round is complete, the head referee will bring the score sheets to your area. The *Scorekeeper and Scorekeeper Assistant* will input the scores. Georgia Tech has created a computerized score sheet which automatically ranks the teams. You will also input the Project, Robot Design, and Core Value Judge score sheets.

Pit Coordinator (Time Needed/Assigned: 8:00 AM-3:30 PM)

Note: For this position, if you unable to only volunteer for the entire time, simply inform us, so that we can find someone to complete the rest of the time.

A *Pit Coordinator* will run the practice areas. We try to have 4 pit tables set up for the teams to practice on throughout the day. The *Pit Coordinator* will basically work on crowd control and allow the teams to use the tables in an orderly fashion. The *Pit Coordinator* will have a stop watch to time the teams because they only have a certain amount of time to complete the missions.

Tournament Set-Up Crew/Post-Tournament Clean-Up Crew

Day/Date/Time	Duties
Thursday, January 18th/9:30 AM-1:00 PM	Volunteer duties involve setting up tables and chairs, competition mats. Training not required. We would appreciate any time you can spare.
Friday, January 19th/9:30 AM-Until	Volunteer duties will involve setting up competition mats, tables, chairs, etc. Everything on the competition mats must be set up, Velcro is used, and we have printouts where Lego pieces go. Training not required. Help set up rooms for the judging, place packets on team tables, tape signage on doors, table signage, help set up the volunteer break area, etc. The qualifier starts early the next morning, so everything must be done Friday night. Any time you can spare, we greatly appreciate.
Saturday, January 20th/5:00 PM-Completion	Volunteer duties will involve post-tournament clean-up. We will need to put chairs away, put tables in a corner, empty trash, do some basic cleaning up of area.