



Workshop & Panel Schedule

<p style="text-align: center;">Friday-Oct 11</p> <p style="text-align: center;">SESSION 1 6:10pm-6:50pm</p>	<p style="text-align: center;">Saturday- Oct 12</p> <p style="text-align: center;">SESSION 1 6:10pm-6:50pm</p>	<p style="text-align: center;">Saturday- Oct 12</p> <p style="text-align: center;">SESSION 2 7:00pm-7:10pm</p>
<p style="text-align: center;">Classroom 1</p> <p>Your Defense Sucks: Here's Why Jeremy Germita</p>	<p style="text-align: center;">Classroom 1</p> <p>Prototyping: Set Your Team Up for Success Pauline Tasci</p>	<p style="text-align: center;">Classroom 1</p> <p>Vision & Control Roth Vann- Team 3476</p>
<p style="text-align: center;">Classroom 2</p> <p>Business & Outreach Strategies Karen Kane Team 3309</p>	<p style="text-align: center;">Classroom 2</p> <p>State Funding Initiative for FIRST Teams Fatima Iqbal-Zubair- Team 6904</p>	<p style="text-align: center;">Classroom 2</p> <p>How to Grow Your Team through Multimedia Jackson Durham- Team 1678</p>
<p style="text-align: center;">Classroom 3</p> <p>Effective Team Communication Rick Sisk Team 6960</p>	<p style="text-align: center;">Classroom 3</p> <p>Motor & Gear Ratios Theodore Harder- Team 687</p>	<p style="text-align: center;">Classroom 3</p> <p>Trash to Treasure: Engineering through Iteration Arya Bastani- Team 3476</p>
<p style="text-align: center;">Classroom 4</p> <p>Strategies for Success: Scouting & Prediction Saikiran Ramanan Team 3476</p>	<p style="text-align: center;">Classroom 4</p> <p>Control Systems: Compensating for Mechanical Inefficiencies Anthony Demetrescu- Team 3476</p>	<p style="text-align: center;">Classroom 4</p> <p>Leadership: How to not become the boss you hate Michael Thomas</p>
<p style="text-align: center;">Classroom 5</p> <p>Prototyping 101 Richard Medina Team 968</p>	<p style="text-align: center;">Classroom 5</p> <p>FRC Manufacturing Shahe Der Hartounian- Team 1671</p>	<p style="text-align: center;">Classroom 5</p> <p>Advanced CNC Manufacturing Shahe Der Hartounian- Team 1671</p>
	<p style="text-align: center;">Classroom 6</p> <p>Scouting 101 Jesse Lopez- Team 5012</p>	
	<p style="text-align: center;">On Field Panel</p> <p>Design from Different Perspectives 3309, 3476, 319, & 2122 <i>Moderator:</i> Saikiran Ramanan</p>	<p style="text-align: center;">On Field Panel</p> <p>Strategy & Drive Team 3476, 2122, Jeremy Germita <i>Moderator:</i> Pauline Tasci</p>
	<p style="text-align: center;">Cafeteria Panel</p> <p>How to Contribute as New Students 3476, 968, 7157, 3309, 7447 <i>Moderator:</i> Arya Bastani</p>	



Friday: October 11, Session 1 (6:10pm-6:50pm)

<i>Your Defense Sucks Here's Why</i>	<i>Defense is an integral part of every FRC game. Learn how to elevate your match performance by learning about common defensive pitfalls.</i>
<i>Business & Outreach Strategies</i>	<i>Forming sustainable business partnerships and proliferating your outreach within your community.</i>
<i>Effective Team Communication</i>	<i>Communication can make or break any team. Come learn effective intercommunication skills and how to implement communication channels through various platforms.</i>
<i>Strategies For Success: Scouting and Prediction</i>	<i>At the end of a long day at an event, your team is often left with a jumble of data you don't know how to use. We will look at how to derive meaning from all this collected data, and how to use derived data to make more educated decisions on and off the field.</i>
<i>Prototyping 101</i>	<i>Share our perspective on applying a few simple principles of building, testing, analyzing, and iterating prototypes. Using these principles will help you reveal how well an idea will perform in any game.</i>

Saturday: October 12, Session 1 (6:10pm-6:50pm)

<i>Prototyping: Set Your Team Up for Success</i>	<i>Want to hit the ground running next kickoff? Gain a better understanding on how to approach the challenge through game analysis, prototyping, testing, and communicating your findings.</i>
<i>State Funding Initiative for FIRST Teams</i>	<i>An initiative to garner interest in allocation of state funding to teams participating in FIRST as well as general information about the annual National Advocacy Conference in Washington, DC.</i>
<i>Motors and Gear Ratios</i>	<i>How to select the right motor for your application and the best gear ratio. Establish your design requirements and avoid common failure modes.</i>
<i>Control Systems: Compensating for Mechanical Inefficiencies</i>	<i>A focus on programming control strategies to compensate for the inefficiency of the mechanical systems being controlled.</i>
<i>FRC Manufacturing</i>	<i>An in depth look at common FRC Manufacturing techniques that will ease your next build season.</i>
<i>Scouting 101</i>	<i>The workshop focuses on how to efficiently collect scouting data along with being able to interpret the raw data and form a pick list on the results.</i>
<i>Design from Different Perspectives</i>	<i>This panel will be a moderated discussion involving teams from Orange County to New Hampshire, detailing how they came up with their 2019 robot designs. This panel will also include Q&A.</i>
<i>New Students: How to Contribute</i>	<i>As a first year student, it can be difficult to get involved so this panel will help new students gain the confidence to become a successful FRC team member. Tips and experiences from six different teams!</i>

Saturday: October 12, Session 2 (7:00pm-7:40pm)

<i>Vision and Control</i>	<i>This workshop will include the process of writing vision and control coding a clean effective manner. Learn how to have a working camera with configurable settings controlling your team's robot!</i>
<i>How to Grow your Team through MultiMedia</i>	<i>In this workshop you will learn techniques and tricks to make your photos and Video for marketing be better. And learn a little editing of photos that will help you grow your presence.</i>
<i>Trash to Treasure: Engineering Through Iteration</i>	<i>In this workshop, find out how to design your team's robot so it's open to iteration, and gain the keys necessary to successful iterative design to turn your trash into treasure</i>
<i>Leadership: How to not become the boss you hate</i>	<i>An in depth survey of the skills necessary to be an inspiring leader. The workshop will include a brief informative presentation, as well as an interactive hands on activity.</i>
<i>Advanced CNC Manufacturing</i>	<i>Want to learn more about advanced machining for FRC? Need resources on how to make your team ensure you make parts with quality? Then this workshop is for you!</i>
<i>Strategy & Drive Team</i>	<i>This panel features drive coaches who will speak in depth on everything and anything with drive team and in match strategy. Includes a Q&A from live audience as well as those watching the live stream.</i>