



# CITRUS CIRCUITS

## JANUARY NEWSLETTER

### UPCOMING DATES

**WISE Event**  
February 20

**Silicon Valley Regional**  
March 1 - 3

**Sacramento Regional**  
March 14 - 16

**East Bay Regional**  
April 5 - 7

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### KICKOFF

On January 6, FRC revealed the game for the 2024 competition season! In addition to 1678, 16 other teams gathered to watch the 2024 Game Reveal in Brunelle Hall at Davis High School. If you missed the game reveal, click this [link](#) to watch. After the livestream, we reviewed the game manual and discussed our initial thoughts for this year's competition season. Next, the team began our "whats" and "hows" discussion. The "whats" consist of what our robot should be able to do, and the "hows" begin to develop actual mechanisms and functions of the robot. We're amped up to kick off the 2024 competition season!



### 2024 GAME

In CRESCENDO presented by Haas, FRC teams will turn up the volume by using their STEM skills and creative power to design, build, and program their robots for action-packed gameplay. Alliances compete to play or score game pieces called "notes" into either an "amp" or "speaker." The game ends with robots racing to get on the "stage" and deliver "notes" to their "traps." We're working hard to design a new robot that can tackle all the challenges of the game! We are excited that this year's game, CRESCENDO, is influenced by our winning concept from the 2021 FRC Game Design Challenge, Storm Surge! In the Game Design Challenge, teams designed potential FRC games that competed against other teams' concepts. In our winning concept, Storm Surge, teams must race to upload and send crucial weather data to alert their city before the hurricane hits. Alliances score points by placing or shooting data "packets" onto memory "caches" and "data ports" before uploading to the cloud through the "upload station." Many of our ideas and concepts were incorporated into this year's game.



### WADPAN

Citrus Circuits held their annual WADPAN on December 23, where members "work all day" and "play all night." From 9 a.m. to 5 p.m., members worked, cleaned, and organized to prepare for the 2024 season kickoff. At 5 p.m., we enjoyed the "play all night" part of the day by watching movies and playing games until 9 p.m. Overall, it was a productive day that gave everyone a chance to have some fun together as a team.



### ALUMNI PARTY

We hosted our yearly winter Alumni Party on December 29, with a total of 30 alumni from the 2007 to 2023 seasons joining us. Former team members shared their experiences in and outside of Citrus Circuits, including life on the team and their later experiences in school and the workplace. We had a great time and hope everyone returns for next year's party!

### WISE EVENT

On January 20, we will be hosting our first Women in STEM Empowerment (WISE) event of the year. WISE will be teaming up with the Da Vinci High School's Computer Science Honors Society to host a Python Workshop for students of all levels. WISE aims to empower girls in grades 3-8, but everyone is free to join. The event will take place on Saturday, January 20, from 1:30 to 3 p.m. in the Mary L. Stephens Davis Branch Library's Blanchard Room. We hope to see you there!

### THANK YOU PARENT VOLUNTEERS!

We want to thank all the parent volunteers who made this competition season possible! The parent volunteers, led by alumni parent Dan Hahn and coordinated by mentor Dan Tolson, have built all the major field elements we need for this season.

Jeff Barrett	Sridhar Kashyap	Brett Saraniti
Joseph Biello	Wayne Lee	Robert Scronce
Jennifer Border	Vincent Marchand	Mark Spiller
Sangho Byun	John Markley	Gavin Sy
Scott Calvert	Vinod Narayanan	Alan Taylor
Grace Chuang	Adam Rich	Helen Thompson
Jason Chuang	Julian Ringgold	Chunyan Wang
Rashmi Jain	Uwe Rossbach	Michael Zhang
		Bing Zhao

