



# ***FIRST* Chesapeake District Championship**

Sponsored by

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## **Public Program of Events**

April 7-8, 2023 ~ EagleBank Arena  
George Mason University ~ Fairfax, VA



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# Welcome to the *FIRST* Chesapeake District Championship Sponsored by Booz Allen Hamilton

Dear friends and supporters of *FIRST* Chesapeake,

It is my great pleasure to welcome you all to the public program for the *FIRST* Chesapeake FRC District Championship Sponsored by Booz Allen Hamilton. This is an exciting day for our organization, as we see 60 of our best teams compete to advance to the *FIRST* World Championship. I am grateful to our sponsors, and in particular, to Booz Allen Hamilton, for making this Championship, and all of our District events, possible.

As we gather today, I want to take a moment to express how proud we are of our teams. They have worked incredibly hard to get to this point, embodying the spirit of STEM leadership and proving what a bright future lies ahead for all of us because of it. The dedication and effort that these young people have put into their work is truly inspiring, and I am honored to be in their company today.

Of course, our program would not be possible without the tireless work of our volunteers. They are the backbone of our program and have literally raised generations of STEM professionals, some of whom are with us today in this hall. We owe them a debt of gratitude that can never truly be repaid, and I hope you will join me in thanking them for their incredible service.

Finally, I want to thank all of you, our audience, for your support. Your presence here today means a great deal to our teams, and I hope you will enjoy this event as much as we do. Together, we can continue to support and encourage the next generation of STEM leaders, and help build a brighter future for all of us. Thank you, and let the competition begin!

Dean C. Roberts  
*Board Chair*  
*FIRST* Chesapeake

Scott Turnbull  
*Executive Director/ Director of Development*  
*FIRST* Chesapeake



# Public Event Schedule

## Thursday, April 6th, 2023

Teams only. No public activities.

## Friday, April 7th, 2023

*Public spectators are welcome.*

7:30am	Doors open
8:30am	Opening ceremonies
9am	Qualification matches
9am-4pm	Technology Row Opens – Information, Activities, Giveaways, Limited Edition Championships t-shirts and hoodies for sale, and more!
9am-12pm & 1-3pm	Student Ambassador-led tours of the event – including tours of team pits and explanation of game challenges. Sign up for free tours at VIP table at EagleBank Arena entrance.
12pm	Lunch
1pm	Qualification Matches resume
5:30pm	Closing Ceremony

# Public Event Schedule

## Saturday, April 8th, 2023

*Public spectators are welcome.*

7:30am	Doors open to public
8:30am	Opening ceremonies
9am	Qualification matches
9am-3pm	Technology Row – Information, Activities, Giveaways, Limited Edition Championships t-shirts and hoodies for sale, and more!
9am-12pm	Student Ambassador-led tours of the event – including tours of team pits and explanation of game challenges. Sign up for free tours at the Welcome Table at EagleBank Arena entrance.
10am-1pm	<i>FIRST</i> LEGO League Explore Festival
11:20pm	<i>FIRST</i> Lego League Parade of Teams
11:30am	Alliance Selection
12:00pm	Lunch
1pm	Playoff Matches and Awards (Awards will begin ~ 2:30)
5pm	Closing Ceremony and Final awards

# Competing Teams

Team #	Team Name	Location
116	Epsilon Delta	Herndon, Virginia
122	NASA Knights	Hampton, Virginia
346	RoboHawks	Richmond, Virginia
384	SPARKY 384	Henrico, Virginia
401	Copperhead Robotics	Blacksburg, Virginia
422	The Mech Tech Dragons	Richmond, Virginia
449	The Blair Robot Project	Silver Spring, Maryland
539	Titan Robotics	Richmond, Virginia
611	Saxons	Mc Lean, Virginia
612	Chantilly Robotics	Fairfax, Virginia
614	Night Hawks	Alexandria, Virginia
620	Warbots	Vienna, Virginia
623	Oakton Cougar Robotics	Vienna, Virginia
686	Bovine Intervention	Thurmont, Maryland
836	The RoboBees	Hollywood, Maryland
888	Robotiators	Glenelg, Maryland
977	Cometbots	South Boston, Virginia
1086	Blue Cheese	Glen Allen, Virginia
1111	Power Hawks Robotics	Edgewater, Maryland
1123	AIM Robotics	Fairfax, Virginia
1389	The Body Electric	Bethesda, Maryland
1418	Vae Victis	Falls Church, Virginia
1599	CircuiTree	Mechanicsville, Virginia
1610	Blackwater Robotics	Franklin, Virginia
1629	Garrett Coalition (GaCo)	Accident, Maryland
1727	REX	Lutherville Timonium, Maryland
1731	Fresta Valley Robotics Club	Warrenton, Virginia
1895	Lambda Corps	Manassas, Virginia
1908	ShoreBots	Eastville, Virginia
2028	Phantom Robotics	Hampton, Virginia

# Competing Teams

Team #	Team Name	Location
2068	Metal Jackets	Manassas, Virginia
2106	The Junkyard Dogs	Goochland, Virginia
2199	Robo-Lions	Finksburg, Maryland
2363	Triple Helix Robotics	Newport News, Virginia
2377	C Company	Pasadena, Maryland
2421	RTR Team Robotics	Burke, Virginia
2537	Space RAIDers	Columbia, Maryland
3136	Official Robotics Constructors of Ashland	Ashland, Virginia
3373	Team RoboHawk	Warrenton, Virginia
3748	Ragnarok Robotics	Ellicott City, Maryland
3939	Botetourt 4-H Robotics	Troutville, Virginia
4099	The Falcons	Poolesville, Maryland
4456	Mech Cadets	Washington, District of Columbia
4472	SuperNOVA	Woodbridge, Virginia
4541	CAVineers	Severn, Maryland
5115	Knight Riders	Silver Spring, Maryland
5338	RoboLoCo	Leesburg, Virginia
5549	Gryphon Robotics	Falls Church, Virginia
5587	Titan Robotics	Alexandria, Virginia
5724	Spartan Robotics	Salem, Virginia
5804	TORCH	Richmond, Virginia
6326	✂ Baltimore Bolts ✂	Baltimore, Maryland
6802	Mean Caimans	Cedar Bluff, Virginia
6863	Squirrels	Woodbine, Maryland
7770	Infinite Voltage	Churchville, Maryland
8230	KoiBots	Arlington, Virginia
8592	Newton <sup>2</sup>	Fairfax, Virginia
8622	The CyBirds	Gambrills, Maryland
8726	CryptoHawks	Ijamsville, Maryland
9033	Ocebots	Arlington, Virginia

# *FIRST* Robotics Competition Information

Combining the excitement of sport with the rigors of science and technology. We call *FIRST* Robotics Competition the ultimate Sport for the Mind. High-school student participants call it “the hardest fun you’ll ever have.”

Under strict rules and limited resources, teams of 20 or more students are challenged to raise funds, design a team "brand," hone teamwork skills, and build and program industrial-size robots to play a difficult field game against like-minded competitors. It’s as close to real-world engineering as a student can get. Volunteer professional mentors lend their time and talents to guide each team.

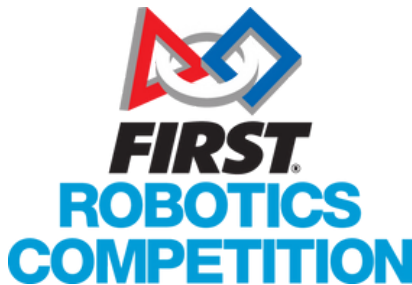
For a list of *FIRST* Robotics Competition Championship teams click [here](#).

Follow team rankings [here](#).

[Click here](#) for pit map.

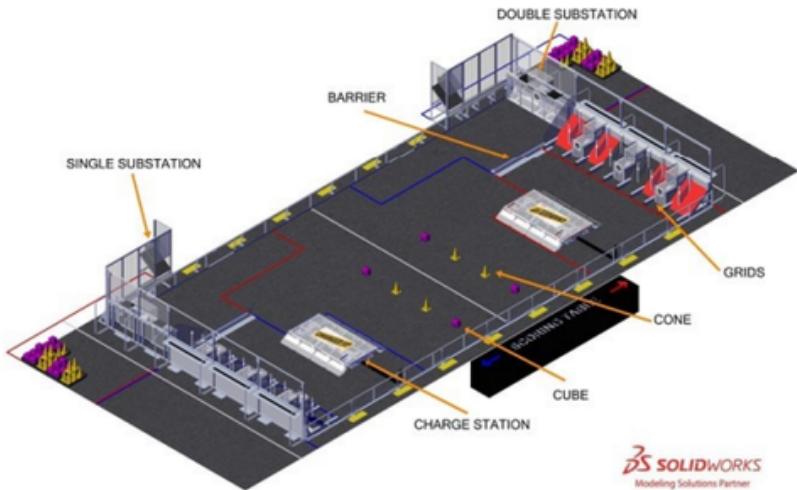
[Click here](#) for qualifying match schedule.

[Click here](#) for playoff match schedule.





# FIRST Robotics Competition Game



In CHARGED UP<sup>SM</sup> presented by Haas, two competing alliances are invited to process game pieces to bring energy to their community. Each alliance brings energy to their community by retrieving their game pieces from substations and scoring it into the grid. Human players provide the game pieces to the robots from the substations. In the final moments of each match, alliance robots race to dock or engage with their charge station!

Each match begins with a 15-second autonomous period, during which time alliance robots operate only on pre-programmed instructions to score points by:

- leaving their community,
- retrieving and scoring game pieces onto the grid,
- docking on or engaging with their charge station.

In the final 2 minutes and 15 seconds of the match, drivers take control of the robots and score points by:

- continuing to retrieve and score their game pieces onto the grid and
- docking on or engaging with their charge station.

The alliance with the highest score at the end of the match wins!

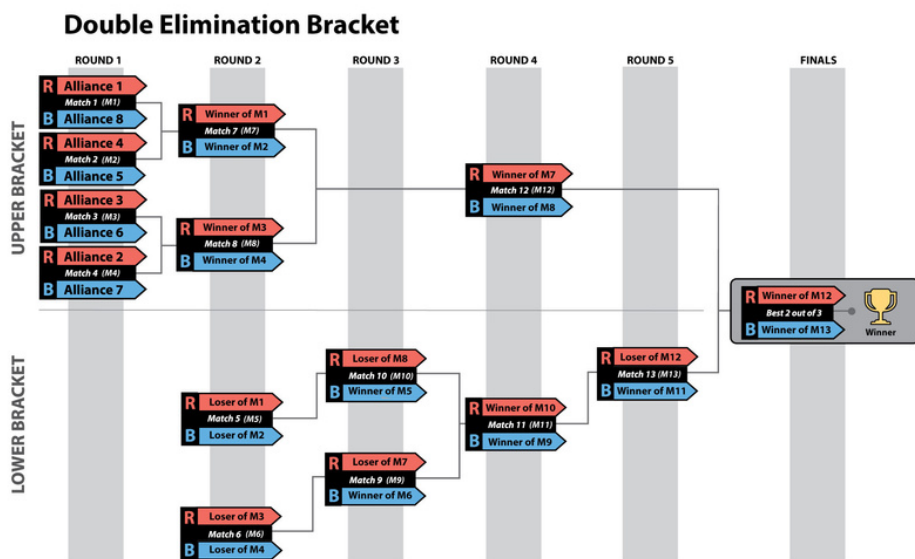
Click [here](#) to see a video explanation of the game.

# Double Elimination Bracket

FIRST Inspires has implemented the Double Elimination Playoff Model at all official FIRST® Robotics Competition Events for the 2023 season.

**How does a Double Elimination tournament work?**

[Click here](#) for a full explanation.



# Thank you to our *FIRST* Chesapeake Sponsors

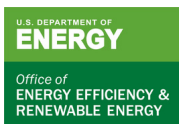
## TITLE SPONSOR

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## PRESENTING SPONSOR

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## SIGNATURE SPONSOR



**Dominion  
Energy™**



**leidos**

# Thank you to our *FIRST* Chesapeake Sponsors

## LEADER IN TECHNOLOGY



## CAPTAIN OF INNOVATION



## FRIEND OF THE FUTURE



## FOUNDATIONS

Brookfield Foundation • Lindner Family Foundation • Memorial Foundation for Children •  
Robert Hirsh Foundation

# Thank you to our Event Sponsors

***FIRST* Chesapeake District  
Championship Title Sponsor**

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**Mentor Lounge and Volunteer  
Reception Sponsor:**

**Qualcomm**

**Machine Shop Sponsor:**



**Alumni Ambassador Program Sponsor:**

**Booz | Allen | Hamilton**

# FIRST Chesapeake Impact

## 8,400+

Students grades 7-12 on  
FIRST Chesapeake teams

## 365+

Teams participating,  
grades 7-12

## 650+

Mentors/Coaches  
involved in events

*"The FIRST community promotes an environment of entrepreneurship while providing a platform for students like myself to spark real change in our communities. FIRST has been, by far, the most influential experience of my entire life. I walked in as a shy and unconfident ninth-grader and left as a well-rounded leader in my community, currently pursuing a STEM degree."*

— Jessica Aujla, FIRST Chesapeake Alumni Ambassador

## 1,600+

registered alumni in  
Virginia, District of  
Columbia, and Maryland

## 1,400+

Volunteers who  
donated time to events

*"My daughter's initial reaction at a FIRST tournament was that the experience is unlike most sporting events where teams have distinct boundaries and it's all about competition. Gracious Professionalism is a real thing in the FIRST community. It's what cultivates an environment of altruism and mutual respect among participants and keeps my kids wanting to come back to FIRST events year after year."*

— Tom Poole, Board Member, FIRST Chesapeake, FIRST Tech Challenge Mentor Team 16022, and Senior Vice President, Capital One

## 25,000+

event attendees

## 25+

competitive events  
and workshops

## 40% 60%

YOUNG WOMEN

YOUNG MEN

Percentage of young women/young  
men involved with FIRST programs

*"The excitement is what engages younger students to become passionate and interested in the field of STEM... Our team might be small in comparison, but we bring the energy of an entire army to our competitions."*

— Demond Morris, The Prez, Junkyard Dogs,  
FIRST Robotics Competition Team 2106

# Get Involved



## Become a Sponsor

- Enjoy recognition as a community leader
- Receive hospitality benefits at events
- Reach out to more than 1,600 [FIRST alumni](#) and young professionals
- Help build tomorrow's technology leaders

## Mentor a Team

One of the things that sets *FIRST* programs apart is the strength of its mentors. Technical and non-technical volunteers serve as advisors and role models, showing students how to use STEM to solve real world problems, develop project management skills, promote teamwork, and to learn from failures and celebrate success.

## Volunteer at Events

*FIRST* Chesapeake events are great opportunities for employee involvement and volunteerism.

For more information, visit [www.firstchesapeake.org/get-involved](http://www.firstchesapeake.org/get-involved) or contact *FIRST* Chesapeake at [info@firstchesapeake.org](mailto:info@firstchesapeake.org).

# Donate

Get ready to help turn kids into future robotics pros with *FIRST* Chesapeake! As a 501(c)(3) organization with over 20 years of experience, we depend on your generosity to make our programs and events possible. With your support, we can raise over \$800,000 each year to help 300+ middle and high school robotics teams succeed in over 20 competitions and workshops.

Every kid deserves the chance to go pro, and with your donation to [www.firstchesapeake.org](http://www.firstchesapeake.org), you'll be making that dream a reality for countless students in the District of Columbia, Maryland, and Virginia.

Let's work together to ensure that every kid gets to go pro in the exciting and rapidly-growing field of robotics. Join us in supporting *FIRST* Chesapeake today!



[firstchesapeake.org](http://firstchesapeake.org) ■ [firstinspires.org](http://firstinspires.org)

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**FOR INSPIRATION & RECOGNITION OF SCIENCE & TECHNOLOGY**

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