



2019 Rocky Mountain Gear Jam Builders Packet

Welcome

Welcome Bot Builders!

The Colorado Combat Robotics Club (CCRC) is thrilled that you'll be participating in our first annual Rocky Mountain Gear Jam competition! This packet is intended to provide you with all the information you need to be prepared for event day. The event will begin safety checks at **8:00 AM** and will end at **9:15AM**. If we're unable to get your bot checked in that time your safety check will occur before your first match. Whether you're able to complete safety check before the event or not, **you and every attendee must sign a waiver before the event begins**. Safety is #1 priority and there will be **no exceptions** on this. The waiver can be found at the end of this packet and may be submitted to ColoradoCombatRobotics@gmail.com any time before the event as well.

This is an outdoor event in summer, please plan accordingly! We will be doing everything we can to prepare for any of the weather possibilities we might see in August in Colorado. We will have sunscreen, water and shade available at all times during the day. The average temperature for that time of year is between 80 – 90 degrees.

The pits are inside a 30' x 90' tent and we'll have an outdoor cooler and fans set up inside. This should give you the opportunity to stay cool during repairs and between fights. The spectator area is in shade from approximately Noon to the end of the day. The arena and judges table will also be shaded with event tents throughout the day.

Take advantage of our venue! There is a splash pad / water park close to the competition. Wear your trunks or suits and cool off between fights! Cool your face in the wind of the roller coaster rides! Outdoor events offer unique opportunities but do require some flexibility, we'll do everything we can to make this a fun and enjoyable event.



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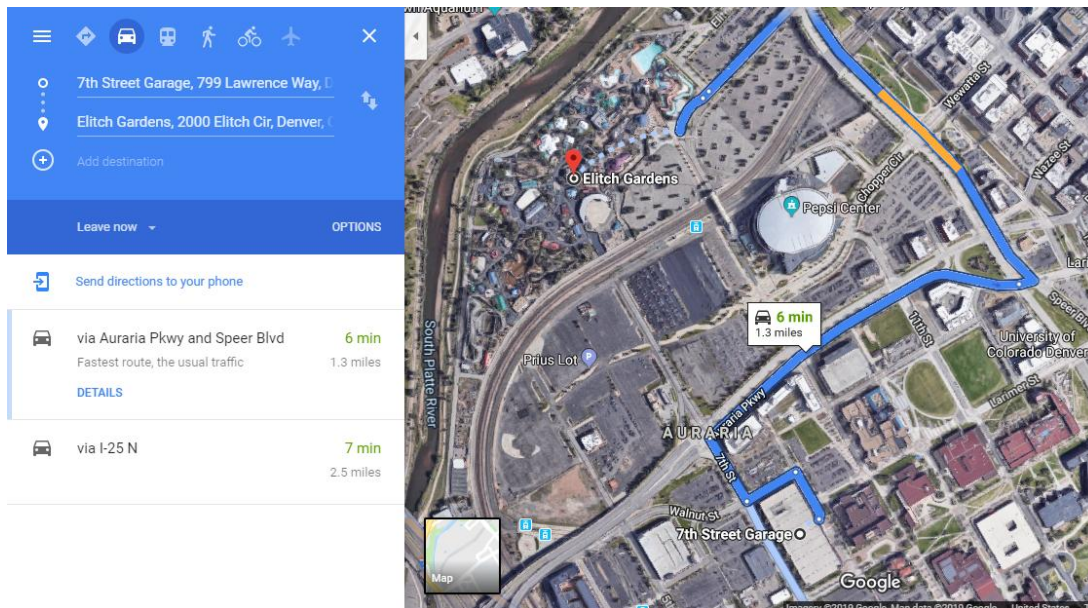
Parking/

Transportation

Parking is \$15 per vehicle at the park. That being said we will be providing a free shuttle service thanks to our volunteers. The shuttle will pick you up from parking just south on Elitch Circle, and bringing you to the park. (Please see map below) The pick-up will be from the 7th Street Garage (\$6.50 per day).

If you plan on utilizing the shuttle you must reserve your spot! There are limited spots available. You can request your spot by e-mailing ColoradoCombatRobotics@gmail.com anytime before August 17th. The available times are 8:30AM or 9:00AM.

If you're travelling from out of town we can try an facilitate ride share with other builders, please contact us early so we can try to help!





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Extreme Weather

Late August in Colorado rarely brings rain but according to Murphy's Law the one day of rain and hail would occur on August 24th, 2019. So we need to have a plan in place! This is an outdoor event so pack accordingly. The tent that will be set-up for the pits is not rated for the level of storms we sometimes see in Colorado so stay as mobile as possible.

The amphitheater will provide all contestants with shelter in the event of rain. There will also be an additional partially enclosed building approximately 50 yards from the competition that tools, bots and electronics can be stored in the event of severe weather approaching. If extreme weather hits, we will follow Elitches procedure.

Again, during August in Colorado this is **RARELY** a problem but we need to plan in the event it occurs. If possible pack a small tarp, blanket, or weatherproof box for tools so you don't have to worry about it!



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Tournament Info

Scheduling

The schedule for the tournament was published on www.ColoradoCombatRobotics.com. This tournament is a world-cup style two-stage tournament. This format allows us some flexibility for those who can't complete their repairs in time. However, your bot **must be ready within 3 minutes of your scheduled start time. Failure to have a robot ready will result in disqualification. The brackets were set-up to allow a bot a minimum of 30 mins between fights.**

We are running fights every 10 minutes over the course of the entire day and it is imperative that we stay on schedule. Event organizers, volunteers, and other teams will do everything we can to avoid a DQ but we must keep the event running for the benefit of all those participating.

Bracket	Time	Match name	Bot 1	Bot 2
08:00 Check-In & Safety Checks Begin 09:15 Welcome Ceremonies				
Beetleweight	9:40	Group D Round 1	Rickety Cricket	V3
Antweight	9:50	Group A Round 1	Ivan	Woody & Buzz
Beetleweight	10:00	Group B Round 1	McWedgie	Black Knight #2
Antweight	10:10	Group B Round 1	Just a Mini Wedge	White Fang
Beetleweight	10:20	Group C Round 1	Barracuda	Titanium Joe
10:30 Park Opens to visitors				
Antweight	10:40	Group C Round 1	Cubey's Revenge	War Fang
Beetleweight	10:50	Group A Round 1	Flutter	Chipper
Antweight	11:00	Group D Round 1	E.G.	Purple Nurple
Beetleweight	11:10	Group E Round 1	Star Blaster	Just a Wedge
Antweight	11:20	Group E Round 1	DBSC	Petty Thief
Beetleweight	11:30	Group F Round 1	Red Dye #5	Tashi
Antweight	11:40	Group A Round 2	Wumbo	Flutter
Beetleweight	11:50	Group A Round 2	Jester	Ivan
Antweight	12:00	Group B Round 2	Black Knight #2	Salt



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Beetleweight	12:10	Group B Round 2	Éclair & Bonbon	Just a Mini Wedge
Antweight	12:20	Group C Round 2	Psychotic Break	Barracuda
Beetleweight	12:30	Group C Round 2	Angry Seahorse	Cubey's Revenge
Antweight	12:40	Group D Round 2	The Highlander	Purple Nurple
Beetleweight	12:50	Group D Round 2	Billy	Rickety Cricket
Antweight	13:00	Group E Round 2	Papa Boris	DBSC
Beetleweight	13:10	Group E Round 2	Quicksand	Star Blaster
Antweight	13:20	Group F Round 2	Black Knight #1	Red Dye #5
Beetleweight	13:30	Group A Round 3	Woody & Buzz	Jester
Antweight	13:40	Group A Round 3	Chipper	Wumbo
Beetleweight	13:50	Group B Round 3	White Fang	Éclair & Bonbon
Antweight	14:00	Group B Round 3	Salt	McWedgie
Beetleweight	14:10	Group C Round 3	War Fang	Angry Seahorse
Antweight	14:20	Group C Round 3	Titanium Joe	Psychotic Break
Beetleweight	14:30	Group D Round 3	The Highlander	E.G.
Antweight	14:40	Group D Round 3	V3	Billy
Beetleweight	14:50	Group E Round 3	Petty Thief	Papa Boris
Antweight	15:00	Group E Round 3	Just a Wedge	Quicksand
Beetleweight	15:10	Group F Round 3	Tashi	Black Knight #1
Wild Card Rumbles				
	15:30	Wild Card Rumbles		
Antweight	16:10	Playoffs Round 1 (4v5)		
Beetleweight	16:20	Playoffs Round 1 (4v3)		
Antweight	16:30	Playoffs Round 1 (3vWC)		
Beetleweight	16:40	Playoffs Round 1 (2v5)		
Beetleweight	16:50	Playoff Round 1 (6vWC)		
Antweight	17:00	Semifinals (1vWinner)		
Beetleweight	17:10	Semifinals (WinnerVWinner)		
Antweight	17:20	Semifinals (2vWinner)		
Beetleweight	17:30	Semifinals (1vWinner)		
Antweight	17:40	Bronze Match		
Beetleweight	17:50	Bronze Match		
Antweight	18:00	Championship		
Beetleweight	18:10	Championship		
18:30 Award Ceremonies				



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Format

Matches will be scored by a single Judge on three categories; Aggression, Control, & Damage. If the match results in a judge's decision the bot will receive a point for each category win (i.e a 2-1 Judge's decision gives the winning bot 2 points, and the losing bot 1 point). A knock-out is an automatic 3 point win. The winner of each group at the end of the first stage is determined in this order;

- 1) Total Points Scored
- 2) *Tiebreaker*: Head-to-Head results

Once the winner of each group is determined all other competitors are eligible for the wild card rumble. There will be a single wild card qualifier for each division. The finals bracket is a single elimination tournament for bot supremacy!

Prizes

1st Place: \$200 | 2nd Place: \$100 | 3rd Place: \$50

"We can Rebuild him, We have the Technology" Award: This award will be given to the bot who endures the most brutal single hit OR the bot who takes the biggest hits but keeps on tickin'.

Most Creative Design Award: This award is sponsored by our host, Elitch Gardens. A bot in each division will be voted on for the most creative design.

Plastic Antweights: You can start a match with anyone at anytime the arena is available. When the match is complete, log the winner with the table host and the bot with the most overall wins will receive a \$50 Fingertech Gift Certificate!

Questions/Concerns

The 2019 Rocky Mountain Gear Jam is in its inaugural year. We are open to suggestions and feedback from you! The builders are our top priority for these events and they are intended to be as fun as possible FOR YOU! We will have a feedback form available at the event and we would love to hear back from you on any aspects of the event at any time.

Thank you for choosing to compete at the Rocky Mountain Gear Jam, see you in August!



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WAIVER AND RELEASE OF LIABILITY FORM

I, _____, HEREBY ASSUME ALL OF THE RISKS OF PARTICIPATING IN ANY/ALL ACTIVITIES ASSOCIATED WITH THE 2019 ROCKY MOUNTAIN GEAR JAM including by way of example and not limitation, any risks that may arise from negligence or carelessness on the part of the persons or entities being released, from dangerous or defective equipment or property owned, maintained, or controlled by them, or because of their possible liability without fault.

I certify that I am sufficiently educated in the safe use of the tools I have brought with me as well as the equipment I plan to compete with. I certify that I have reviewed the SPARC Safety Regulations and will abide by these regulations while on site. I have no health-related reasons or problems which preclude my participation in this activity.

I acknowledge that this Accident Waiver and Release of Liability Form will be used by the event organizers (CCRC), sponsors (Ace Hardware, Fingertech Robotics), and venue (Elitch Gardens) in which I may participate, and that it will govern my actions and responsibilities at said activity.

In consideration of my application and permitting me to participate in this activity, I hereby take action for myself, my executors, administrators, heirs, next of kin, successors, and assigns as follows:

(A) I WAIVE, RELEASE, AND DISCHARGE from any and all liability, including but not limited to, liability arising from the negligence or fault of the entities or persons released, for my death, disability, personal injury, property damage, property theft, or actions of any kind which may hereafter occur to me including my traveling to and from this activity, THE FOLLOWING ENTITIES OR PERSONS: Elitch Gardens, Colorado Combat Robotics Club and Event Organizers for Rocky Mountain Gear Jam and/or their directors, officers, employees, volunteers, representatives, and agents, and the activity holders, sponsors, and volunteers;

(B) INDEMNIFY, HOLD HARMLESS, AND PROMISE NOT TO SUE the entities or persons mentioned in this paragraph from any and all liabilities or claims made as a result of participation in this activity, whether caused by the negligence of release or otherwise. I acknowledge that they are NOT responsible for the errors, omissions, acts, or failures to act of any party or entity conducting a specific activity on their behalf. I acknowledge that this activity involves the use of power tools, items of high kinetic energy and carries with it the potential for death, serious injury, and property loss. The risks include, but are



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not limited to, those caused by competitors, facilities, temperature, weather, condition of participants, equipment, lack of hydration, and actions of other people including, but not limited to, participants, volunteers, monitors, and/or producers of the activity. These risks are not only inherent to participants, but are also present for volunteers.

I hereby consent to receive medical treatment which may be deemed advisable in the event of injury, accident, and/or illness during this activity.

I understand while participating in this activity, I may be photographed. I agree to allow my photo, video, or film likeness to be used for any legitimate purpose by the activity holders, producers, sponsors, organizers, and assigns.

The Waiver and Release of Liability Form shall be construed broadly to provide a release and waiver to the maximum extent permissible under applicable law.

I CERTIFY THAT I HAVE READ THIS DOCUMENT AND I FULLY UNDERSTAND ITS CONTENT. I AM AWARE THAT THIS IS A RELEASE OF LIABILITY AND A CONTRACT AND I SIGN IT OF MY OWN FREE WILL.

Participant's Signature _____

Participant's Name

Date

(If under 18 years old, Parent or Guardian must also sign.)