



Lawrence
Technological
University

COLLEGE OF
ARTS AND
SCIENCES

24th
Annual

LAWRENCE TECHNOLOGICAL UNIVERSITY
ROBOFEST
2023
World Championship

Lawrence Technological University
21000 West 10 Mile Rd, Southfield, Michigan

Jr. BOTTLESUMO

Chairperson: Chris Parker

Group 2: Friday, May 12, 2023

8:30am ~ 1:00pm

J234, Building 8, Taubman Complex

Announcements

- Parents and Coaches are not allowed to be in the pit area after materials are dropped off.
- The Final Match between Group 1 and Group 2 finalists to determine the overall Jr BottleSumo Winner will be held on Saturday, May 13 at 11:45am in the gym
- Trophy Winners including Time Trial winners will be recognized on Saturday May 13 at 12:00pm in the gym
- All the participants will receive a medal today. Please bring your medal on Sat. May 13 for another group picture in the gym around 2:30pm.

The objective of BottleSumo is to **EITHER** be the first robot to find and *intentionally* push a two-liter bottle (filled with 1 liter of water) off the table and survive on the table at least 3 seconds **OR** be the last robot remaining on the table at least 3 seconds. The bottle will be placed at an unknown location that is the same distance away from the two robots.

How to start the game (the way to start the robot moving) is an **unknown task** that is unveiled 30 minutes prior to impounding robots.

GROUP 2 Tentative Schedule (Note – times are approximate)

8:00am	Team Check-In begins. Teams may practice on the official fields.
8:30am	Welcome by Jr BottleSumo Chairperson; Introduction of teams and Judges
8:40am	<i>Adults are asked to leave arena before unveiling</i> Unveiling how to start a game by Chairperson.
8:45am	30-minute work-time begins
9:15am	Impounding of robots begins. Weight and size will be checked. Each robot must have ID tag.
9:20am	Spectators may return. Qualifying Time Trials begin on <u>2 tables</u> in parallel. Each team will have max 120 seconds. Each table will use its own timer <i>Expected max time taken: (12 teams, 2 tables) 5 min x 6 = 30+ minutes</i> Robots must be returned to the impounding table
9:55am	Teams can pick up robots. 20-minute work-time begins Seeded single elimination tournament bracket for each group prepared
10:05am	2 nd Impounding of robots begins. Weight and size and ID will be re-checked
10:20am	Announce Brackets
10:15am	Single elimination matches for each group begin on the dedicated table for the group <i>Average time for a match: 4 min; Max 15 matches x 4 min = 60 minutes</i>
11:15am	Group final match. The winner will compete with the winner of the other group on Sat, May 13 at the gym at 12:30pm
11:25pm	Closing & Award Ceremony – See Announcements section Certificate of participation and participation medal will be awarded to all contestants Group picture.
11:45pm	Cleanup begins

Jr. BottleSumo Group 2 on May 12 (12 teams)

Team ID	Name	Organization	Coach	City	St/Country
2864-1	2864-1	Robot Institute of Hong Kong	CHAN TING KWOK	Hong Kong	HK
3181-2	Techno Ninjas 1	Community Group	Diane Racette	Bridgewater	NS
3181-3	Techno Ninjas 2	Community Group	Diane Racette	Bridgewater	NS
3672-3	LEGOS DE LA JUSTICIA	DIVERTROBOTS ATLACOMULCO	SHALOM ACOSTA HERNANDEZ	Atlatomulco	MEX
3718-3	EMI	MIKROBOT ACADEMY	michael wilson	Accra	GH-AA
4158-1	SUAZABOTS	Colegio Suazapawa	OSCAR ROBERTO FONSECA BARRERA	Colombia	CO-BOY
4242-6	Chamber of Secrets	Cornerstone Charter Schools	Edward Rea	Detroit	MI
4242-7	The Gems	Cornerstone Charter Schools	Edward Rea	Detroit	MI
4242-8	Royalty Ducks	Cornerstone Charter Schools	Edward Rea	Detroit	MI
4242-9	Jokers	Cornerstone Charter Schools	Edward Rea	Detroit	MI
4504-3	DOMINO	AUTROL YDM	LEE SEOK	Yeosu	JMD
4520-1	zero one	ALridwan Schools	haitham ramadan	Amman	amman

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