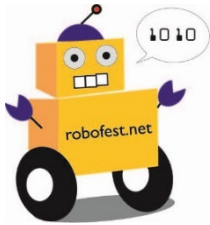


World Championship



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

Sr. BOTTLESumo

Sr. Classic (CL) and Sr. Unlimited (UL)

Chairperson: Dave Carbery

Friday, May 12, 2023

5:30pm ~ 9:00pm

Field House, Building 15

Announcements:

- Parents and Coaches are not allowed to be in the pit area after materials are dropped off.
- Trophy Winners including Time Trial winners will be recognized on Saturday May 13 at 12:30pm 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 run (the way to start the robot moving) is an unknown task that is unveiled 30 minutes prior to impounding robots.

Tentative Schedule (Note – times are approximate)

4:30pm	Team Check-In begins. Teams may practice on the official fields
5:00pm	Welcome by Sr BottleSumo Chairperson; Introduction of teams and Judges
5:10pm	<i>Adults are asked to leave arena before unveiling</i> Unveiling unknown start by Chairperson
5:15pm	30-minute work-time begins
5:45pm	Impounding of robots begins. Weight and size will be checked. Each robot must have ID tag.
5:50pm	Spectators return. Qualifying Time Trials begin. Teams run in parallel on multiple tables. Each team will have max 120 seconds. Each table will use its own timer. <i>Expected max time taken: 4 min x 7 = 28+ minutes</i> Robots must be returned to the impounding table
6:20pm	Teams can pick up robots. 20-minute work-time begins. Seeded single elimination tournament bracket for each group prepared
6:40pm	2 nd Impounding of robots begins. Weight and size and ID will be re-checked.
6:45pm	Announce Bracket
6:50pm	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>
7:50pm	Final match
7:55pm	Closing & Award Ceremony – See Announcements section Certificate of participation and medal will be awarded to all contestants Group picture
8:15pm	Cleanup begins

16 Sr. BottleSumo Classic teams

Team ID	Name	Organization	Coach	City	St/Country
2077-6	Bubbles	South Ridge Panthers Robotics	T.J. Ray	Culver	MN
2668-2	Royal Robots	Annapolis West Education Centre	Jeff Hafting	Annapolis Royal	NS
2720-2	Robonator	SisBro Robotics Home Program	Danielle Pusilo	Canton	MI
2864-2	2864-2	Robot Institute of Hong Kong	CHAN TING KWOK	Hong Kong	HK
2864-3	2864-3	Robot Institute of Hong Kong	CHAN TING KWOK	Hong Kong	HK
3004-3	CobraBots	Metro-Detroit Area Schools	Pam Sparks	Detroit	MI
3155-8	GCSBTS	Grace Christian School	Jordan Ellis	Charlottetown	PE
3385-2	QUETZALCOATL	TEC. CAMPUS HIDALGO	SAMUEL RUIZ ORTIZ	Pachuca	HIDALGO
3513-8	Win Condition	Roeper School	Wendy Mayer	Birmingham	MI
4165-2	A.I Kudus	Right to Dream Academy	Josephus Christian Taylor	Accra	GH-EP
4257-3	Extreme	Prempeh College	Kwame Owusu Opoku	Kumasi	GH-AH
4275-1	SRLE team B	Santa Rosa de Lima English Secondary School	Sao Keng Ng	Macau	Macau
4444-4	MBC BOYS	MBC	JHANG LAI-CIAN	Taichung	Taichung
4491-1	TEAM HKRSS	Hong Kong Red Swastika Society Tai Po Secondary School	SIU CHEUNG KWAN	Hong Kong	Hong Kong
4510-1	CANDY	PREPARATORIA # 3 U.A.E.H.	Ricardo Serrano Chavez	Pachuca	HIDALGO
4511-1	TESLA	PREPARATORIA # 1 U.A.E.H.	Luz Arely Monroy Gonzalez	Pachuca	HIDALGO

11 Sr. BottleSumo Unlimited teams

Team ID	Name	Organization	Coach	City	St/Country
2964-11	Wreck it Ralph	Napoleon Community Schools	Adam Draa	Napoleon	MI
2964-12	The Backyardigans	Napoleon Community Schools	Adam Draa	Napoleon	MI
2964-13	Eye Sweat	Napoleon Community Schools	Adam Draa	Napoleon	MI
2964-14	Gyyph (Jeff)	Napoleon Community Schools	Adam Draa	Napoleon	MI
2964-15	The Delta Males	Napoleon Community Schools	Adam Draa	Napoleon	MI
3004-1	RoboCobra	Metro-Detroit Area Schools	Pam Sparks	Detroit	MI
4257-2	Olethros	Prempeh College	Kwame Owusu Opoku	Kumasi	GH-AH
4279-1	ARES	INSTITUTO DE CIENCIAS BASICAS E INGENIERIA U.A.E.H.	MAX GARCIA RIVERA	Pachuca	MEX
4512-1	ARABOTS SEMPAI	ARABOTS ROBOTICS	ANTONIO MONTES DE OCA CASTRO	Meteppec	MEX
4521-1	Zero One	ALridwan Schools	amro albzlamet	Amman	amman
4522-1	SABES CERRITOS	SABES GUANAJUATO	JUAN CANDIDO ESPINOZA ZUNIGA	San Miguel De Allende	GUA

GOLD



SILVER



BRONZE



PARTNERS



EVENT SPONSORS



FRIENDS

Restoration 1 of Metro Detroit

CJ & Min Chung

Julie Vulaj

Joel Stein

Patrick & Shannan Palonis

Robofest® is a program and registered trademark of Lawrence Technological University

robofest.net

robofest@LTU.edu



facebook.com/robofest



instagram.com/robofestofficial/