

Lawrence
Technological
University

COLLEGE OF
ARTS AND
SCIENCES

24th
Annual

LAWRENCE TECHNOLOGICAL UNIVERSITY
ROBOFEST
2023
World Championship

May 11 ~ 13, 2023

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

MAIN PROGRAM

OUR 2023 SPONSORS

GOLD



SILVER



BRONZE



PARTNERS



EVENT SPONSORS



FRIENDS

Restoration 1 of Metro Detroit

CJ & Min Chung

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Each event will have a printed agenda and roster available at the venue AND on the World Championship page on the Robofest.net site

A very sincere thank you to all of our Robofest 2023 Sponsors. Robofest also thanks all of our Coaches, Parents, Judges, Qualifying Site Host Organizers, Volunteers, and Students. We could not do Robofest without the support of each of you. Thanks for being a part of the 24th annual Robofest 2023!

LTU Scholarship Opportunity for all Robofest Participants:

Lawrence Technological University recognizes Robofest Robotics team members. High School Seniors who have participated in Robofest at any time, even in Elementary School, and who are considering attending LTU, could earn a \$3,000 renewable scholarship (total of \$12,000). Submit an application, a 400-word essay highlighting your Robofest experience and your career goals, along with a letter of recommendation from one of your Robofest adult coaches or mentors. The deadline to apply is April 1st. **For more information and application download, “LTU Robofest Scholarship” or directly visit <http://www.ltu.edu/financial-aid/scholarships-freshmen>**



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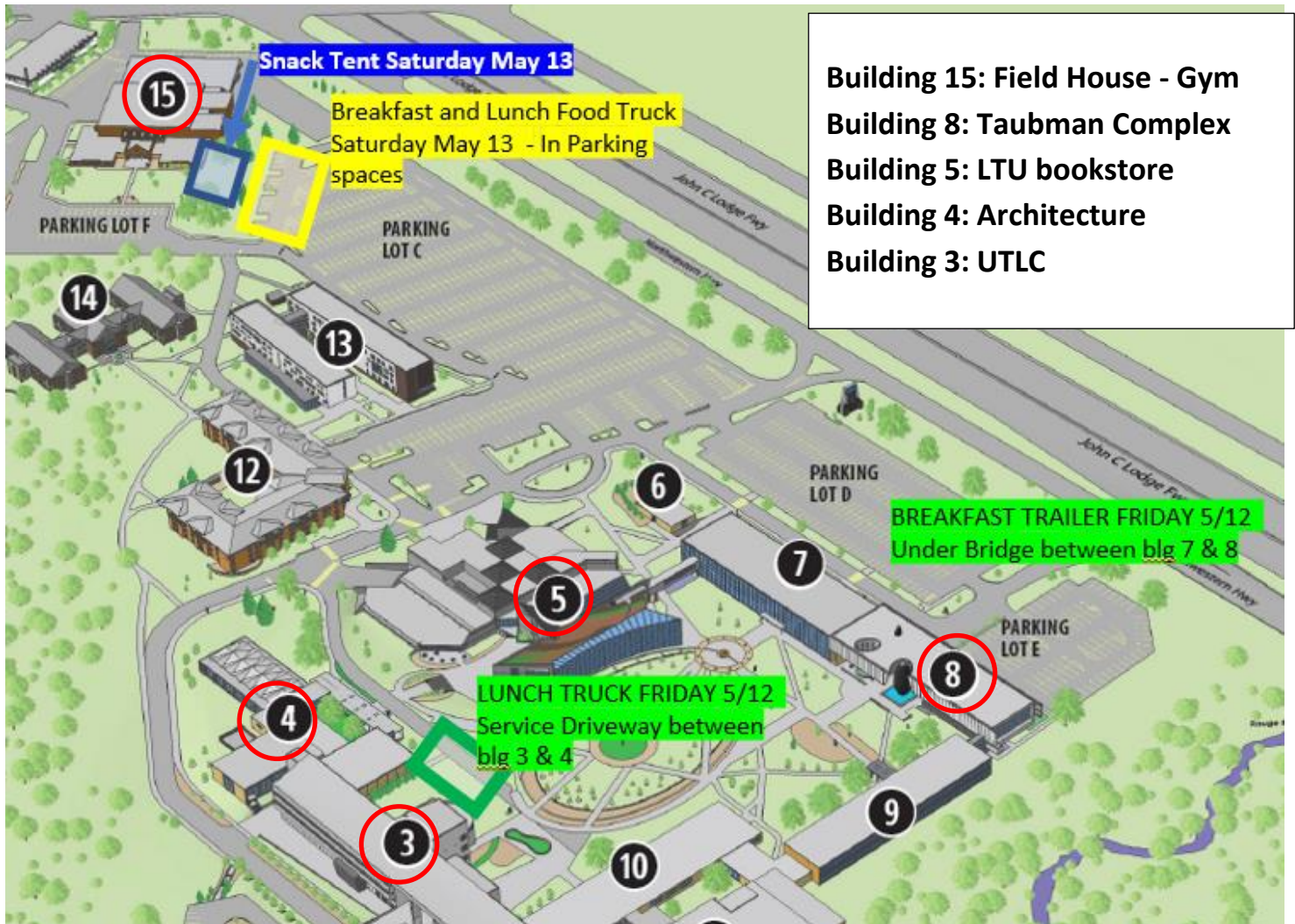
instagram.com/robofestofficial/

World Robofest 2023 Practice and Event Schedule at a glance

Winners of the two Jr BottleSumo groups will have a final match on Sat. to determine first and second place overall. Different unknown start methods may be used for Group 1, Group 2, and the Final matches.

Date	Time	Building		Category						
		Field House Gym	Field House 2nd Floor	Taubman Complex 3 rd Floor	Taubman Complex 2 nd Floor	Architecture 210	UTLC Gallery 210			
		Bld. No. 15	No. 15	No. 8	No. 8	No. 4	No.3			
		Sr BottleSumo / Game Championship & Ceremonies	Exhibition Championship / RoboArts	Director Meeting / RoboMed	Jr BottleSumo	RoboParade	UMC			
Thu, May 11	8:00am	Staff and Volunteer Setup begins (no teams)						Closed		
	11:00am	Game and Sr BottleSumo Practice open	Exhibition Team setup & Practice	RoboMed Team setup & Practice	Practice open	Practice open				
	2:00pm			Director Meeting J351						
	5:00pm ~ 9:00pm			RoboMed Team setup & Practice	Jr BottleSumo Group 1 (Check-in at 4:30 pm)	Robo Parade Pre-Qualifying Test				
Fri, May 12	8:30am	Game and Sr BottleSumo Practice open	Exhibition/ RoboArts Team setup & Practice	RoboMed Team setup & Practice	Jr BottleSumo Group 2 (Check-in at 8:00 am)	Closed	Closed			
	11:00am			RoboMed Official Presentations (Check-in at 10:30 am)				World HQ open until 6:00 pm	Robo Parade Pre-Qualifying Test	Setup
	12:00pm									UMC (Check-in at 12:30 pm)
	2:00pm	*Dinner Served for all		Closed	World HQ open until 6:00 pm	**RoboParade Dinner	**UMC Dinner (approx. 4:30)			
	4:00pm	Sr BottleSumo Classic and Unlimited (check-in at 5:00 pm)	Exhibition/ RoboArts Team setup & Practice			RoboParade (Check-in at 5:00 pm)	Closed			
	5:30pm ~ 9:00pm									
Sat, May 13	8:00am	Check-in	Check-in	World HQ moves to Field House						
	9:00 ~ 9:30am	Opening Ceremony								
	9:30 ~ 11:15am	Game Round 1	Exhibition / RoboArts Official Presentations							
	11:15 ~ 12:35pm	LUNCH Jr BottleSumo Final Match Award Ceremony 1	Break							
	12:35 ~ 2:20pm	Game Round 2	Exhibition / RoboArts Official Presentations							
	2:20pm ~ 3:50pm	Raffle, Group Photo, Closing & Award Ceremonies 2								

Campus Map & Venue Buildings



Building 15: BottleSumo Classic, and Sr. BottleSumo Unlimited

Opening & Closing Ceremonies, Game (Gym), Exhibition and RoboArts (2nd floor)
Robofest Merchandise sale

Building 8: Jr BottleSumo in J234

RoboMed on 3rd Floor

Robofest Office (J233) is in this building Thursday and Friday – Will relocate to Building 15 on Saturday

Building 4: RoboParade in A210

Building 3: UMC in T210

Food and Communications:

Thursday:

- Volunteer/Staff will be managed in designated volunteer areas
- ATTENDEES: There are many restaurants near campus that deliver food

Friday:

- Volunteer/Staff Breakfast and Snacks available outside J230 at 8:00 am
- Volunteers/Staff will be issued vouchers for lunch from the WYA Coney food truck. Check in at the Robofest Office J233)
- **Expresso 911 Food Truck** 7:00 am – 11:30 am by **Building 8**
- **WYA Coney Food Truck** 10:00 am – 2:00 pm by **Building 3**
- **ALL ATTENDEES:** Pizza Dinner provided for Teams, Coaches, Parents, Staff in 2 locations depending on your category (schedule on page 3). by Alia's Greater Detroit Catering

Saturday:

- Volunteer/ Staff Breakfast available in 1st Floor and 2nd Floor Volunteer Lounges in the Gym at 8:00 am
- Volunteers/Staff will be issued vouchers for lunch from the Wizard food truck. Items can be pre-ordered and delivered to the Volunteer Lounges
- ALL ATTENDEES: Food Trucks and a Snack Tent available outside the Field House.
 - **Expresso 911 Food Truck** 7:00 am – 11:30 am
 - **Wizard Food Truck** 10:00 am – 2:00 pm
 - **Bethany Christian School Snack Tent** (drinks and packaged snacks)

Please help us keep our beautiful LTU campus clean by placing all your discarded items in the proper receptacles.

Communications

- **Wifi** – “LTU Guest” available **FREE** on LTU campus. No password is needed.
- **Live streaming** of the main events all 3 days on YouTube or Facebook
 - <https://www.facebook.com/robofest/>
 - **YouTube live streaming URLs will be announced on Robofest Facebook Page**
- Robofest office phone: 248-204-3568
- LTU Security (lost & found): 248-204-3945
- Email: robofest@ltu.edu



Photos of this event will be posted on “Robofest Official” Facebook page at [facebook.com/Robofest](https://www.facebook.com/Robofest)

Wanted: PCA (People's Choice Award) Judges

Registered Robofest spectators will decide People's Choice Award (PCA). A PCA Judge should be age 10 and up.

Friday, May 12: RoboParade – A210 (building 4) Judge registration between 5:45pm and 7:45pm – Judging ends at 8:15pm

Saturday, May 13: Exhibition and RoboArts – Gym 2nd Floor (building 15) Judge registration between 9:30am and 12:00pm – Judging ends at 1:30 pm

Qualified* PCA Judges may win raffle prizes shown below (*minimum number of floats/tables visited)

Drawing will be held around 2:30pm in the gym. You must be present to win the following raffle prizes.

PCA Voter Raffle Prizes



JBL Bluetooth Headphones



JBL Bluetooth Speaker



Robofest Tumbler



Robofest Fleece



Robofest Umbrella



Robofest Cap



Robofest Water Bottle



Robofest Beach Towel

Robofest World Championship 2023 Chairpersons

	Category	Chairperson	# Judges
Thursday May 11	Jr. BottleSumo Group 1	Chris Parker	2 x 4 tables = 6~8
Friday May 12	Jr. BottleSumo Group 2	Chis Parker	2 x 4 tables = 6~8
	RoboMed	Dr. Chris Cartwright	2
	UMC	Elmer Santos	2 x 4 tables = 8
	RoboParade	Pam Sparks	4
	Sr. BottleSumo CL	David Carbery	2 x 3 tables = 6~8
	Sr. BottleSumo UL	David Carbery	2 x 2 tables = 2~4
Saturday May 13	Game	Elmer Santos	2 x 6 tables = 12
	Exhibition	Emma Alaba	5
	RoboArts	David Carbery	2

Key Tasks and Staff

Task	Key Staff
Check-in & registration; fee collection	Pam Sparks
Preparing competition materials	Shannan Palonis, Katie Bis, Marilyn Wiseman
Meals (Breakfast, lunch and dinner)	Shannan Palonis & Pam Sparks
Scripts	Chris Cartwright
Purchasing	Marilyn Wiseman
Food trucks	Shannan Palonis & Pam Sparks
Awards	Shannan Palonis
PCA awards	Marilyn Wiseman & Kathy Juchartz
YouTube & Facebook Live Videographers	LTU eLearning, Anthony Persinger, Nicho Sparks
Indoor Signs & Outdoor Signs	Elmer Santos
General Help – Morale Support	Chris Parker, Katie Bis
Poster Design and Printed Materials	Matt Mandriano, BJ Cameron, Lorne Plant; Yellow Flag Productions
Banners	Yellow Flag Productions
Providing power to all tables	Elmer Santos
Merchandise Sales	Olivia Thompson-Tinsley, Stefan DeLaCruz, Elizabeth DeLaCruz, Alli Sparks
Student Assistants	Scottie Rapp, Anthony Shevenock, Steven Arnold, Robert Newberry, Giovanni DeRose, Nicho Sparks