



Lawrence  
Technological  
University

COLLEGE OF  
ARTS AND  
SCIENCES

24<sup>th</sup>  
Annual

LAWRENCE TECHNOLOGICAL UNIVERSITY  
**ROBOFEST**  
2023  
World Championship

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

**UMC**

## Unknown Mission Challenge

Chairperson: Elmer Santos

Friday, May 11, 2023

1:00pm ~ 4:30pm

**T210, Building 3, University Technology and Learning Center (UTLC)**

### Announcements

- Parents and Coaches are not allowed to be in room T210 area after materials are dropped off.
- Only students, Judges, and volunteers can stay in the room during the build time. Teams will be immediately disqualified if any illegal communication/ activity is detected.
- Trophy 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.

### Category Description

Mission tasks will be totally unknown until the day of competition. Robots are built and programmed at the competition. The goal of this challenge is to provide an opportunity to develop problem solving skills on the fly without any help from adult coaches.

## UMC Schedule (Note – times are approximate)

<b>12:30pm</b>	<b>Team Check-In begins at the lobby of T210</b>
<b>1:00pm</b>	<b>Welcome</b> , UMC Chairperson Introduction of Rules Introduction of Judges, Volunteers, and Teams
<b>1:10pm</b>	Unknown Missions Unveiled. – 2-hour work time for Robot Build and Programming <b>(coaches and spectators must leave the arena)</b>
<b>3:10pm</b>	<b>Robot Impound closed.</b> Spectators may return.
<b>3:20pm</b>	<b>Runs begin.</b> Teams will have two chances to test. Runs will be on 4 tables in parallel. <i>3 minutes per run x 7 runs x 2 rounds = 45 minutes</i>
<b>4:05pm</b>	Closing & Award Ceremony – See Announcements section Certificate of participation and participation medal will be awarded to all contestants. Group picture.
<b>4:20pm</b>	Cleanup begins. Teams are asked to clean up pit area.  All UMC teams are invited to Pizza Dinner in the Brick Gallery (next to A210) at 4:30pm.

## 9 Jr. UMC Teams

Team ID	Name	Organization	Coach	City	St/Country
2109-6	Fantastic4	LEGO LEGION	Srinivas Bommidi	Novi	MI
2895-1	ARABOTS ADVENTURES	Arabots Robotics	RODRIGO RODRIGUEZ RODRIGUEZ	Toluca	MEX
3271-16	Robocats Voltron	Belleview Middle School	Anthony Ness	Belleview	FL
3271-17	Robocat Thundercats	Belleview Middle School	Anthony Ness	Belleview	FL
3271-18	Robocats House Cats	Belleview Middle School	Anthony Ness	Belleview	FL
4440-5	TSUNDER PINKY BUNNY FORCE	CHENG YI SENIOR HIGH SCHOOL	TSAI LI-CHEN	Kaohsiung	Kaohsiung
4489-1	SAPS	Shanghai Alumni Primary School	CHUN KIT KUO	Hong Kong	Hong Kong
4507-2	Beach Bums #1	Manoogian High School	Robert Schroeder	Southfield	MI
4507-3	Beach Bums #2	Manoogian High School	Robert Schroeder	Southfield	MI

## 16 Sr. UMC Teams

Team ID	Name	Organization	Coach	City	St/Country
2072-4	Z Human Beans	Southfield Christian	Philip Bigos	Southfield	MI
2109-5	Robo Builder	LEGO LEGION	Srinivas Bommidi	Novi	MI
2720-1	Robonator	SisBro Robotics Home Program	Danielle Pusilo	Canton	MI
2895-2	ARABOTS CHANCLA	Arabots Robotics	RODRIGO RODRIGUEZ RODRIGUEZ	Toluca	MEX
2900-1	MET	ETRONIC	ANGELICA JANET GONZALEZ CHAVARIN	Pachuca	HIDALGO
2964-7	Oobie	Napoleon Community Schools	Adam Draa	Napoleon	MI
2964-8	Krabby Patties	Napoleon Community Schools	Adam Draa	Napoleon	MI
2964-9	Robot Dogs: Plus Fire	Napoleon Community Schools	Adam Draa	Napoleon	MI
2964-10	Phi Just the Letter	Napoleon Community Schools	Adam Draa	Napoleon	MI

3004-10	UPSM UMC	University Prep Science and Math HS	Pam Sparks	Detroit	MI
3004-11	UPSM CobraBots	University Prep Science and Math HS	Pam Sparks	Detroit	MI
3155-7	GCSBTS	Grace Christian School	Jordan Ellis	Charlottetown	PE
4257-1	JAK	Prempeh College	Kwame Owusu Opoku	Kumasi	GH-AH
4440-6	JUST RIGHT	CHENG YI SENIOR HIGH SCHOOL	TSAI LI-CHEN	Kaohsiung	Kaohsiung
4445-3	Taiwan and America so rich	DDS	LEE CHIA-HSUN	Pingtung	Pingtung
4493-1	St.Mark's School Robotics Team	St. Mark's School	Kin Wing Yan	Hong Kong	Hong Kong

**GOLD**



**SILVER**



**BRONZE**



**PARTNERS**



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