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LAWRENCE TECHNOLOGICAL UNIVERSITY

# ROBOFEST®

Online World Championship

# UMC



Senior Division - Friday, April 8, 2022

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# Schedule for UMC (time in EDT)

- 7:00 am** Zoom early check-in for Location Head Judges
  - Microphone and camera will be tested for each team location
  - Pre-event checklist will be verified as complete
- 8:00** Official check-in. All LHJs must be online
- 8:15** Opening
  - LTU remarks by video
  - Introduction of Robofest Staff
  - Introduction of Location Judges, Judge's oath
  - Contestant pledge **GROUP PHOTO**
- 8:28** Team introduction (1 min / team) for Team Spirit awards
- 8:45** Unveiling Unknown mission / LHJ's set up fields
- 8:55** Checking Playing Field Setup for each team during **1 hr 50** min work time
- 10:45** End of work time. Robots placed on field for inspection
- 10:55** 1st Run (**and video**) after checking robot dimensions (5 min)
- 11:00** 2nd Run (**and video**) after checking robot dimensions without a break (5 min)
- 11:10** Submission instructions
- 11:15** Closing Remarks (Dr. Cartwright)

# Checklist for Check-in LHJs


**ROWC Jr and Sr UMC  
 Location Head Judge (LHJ) Pre-Event Checklist**

LHJ\* is required to **PRINT THIS CHECKLIST** and check off each item before logging in to the Webinar on event day. During Check-in, show this completed and signed sheet to LTU Staff.

\*You and all Location Judges must be registered as a Judge for the Event and and ZOOM Webinar via the [Google Form](#) link

**Prior to Event: (check each item with a heavy mark so it is visible on camera):**

- Read and understand 2022 ROWC UMC rules
- Prepare other materials:
  - Robofest game table 6ft plastic folding table placed on the floor 30"x 72" placed on surface with contrasting color
  - 4 AAA batteries (charged or discharged)
  - full Water Bottles: 600ml (16.9 FL Oz) bottle. The height is about 20cm. Bottle diameter is approximately 7cm in diameter (2 for Jr, 4 for Sr)
  - measuring Tape or measuring stick (metric units)
  - scissors
  - pencil/pen
  - clipboard (optional)
  - tripod (optional)
  - Team Sign (Coach should print from Robofest.net Coach Profile Page)
- Prepare Zoom Webinar device (Laptop, Tablet or Phone)
  - stable internet connection
  - battery fully charge
  - camera accessible
  - set up so camera positioned as shown with the competition area in the foreground and team pit area visible in the background, and space for team to stand between for intro
  - microphone/speakers (test volume, mute/unmute)
- Prepare Video & audio recording device
  - battery fully charged
  - enough memory storage



**Event Day - Prior to Zoom Webinar Check-in:**

- Confirm Recording Judge has the recording device with battery memory storage
- Confirm Coach has printed team sign and has it ready to show
- Confirm Coach has received Consent Form (online or hard copy) for each participant
- Confirm team has an unassembled Robot Kit conforming to the Rules (p3)
- Inspect Robot Kit for any illegal Materials
- Assemble Judges and Team to prepare for Zoom Webinar Check-in

I \_\_\_\_\_ verify that I have completed each item on this checklist

03/21/2022

# Lawrence Technological University





ROBOArts

RoboMed 

Exhibition

**BOTTLESumo**

**GAME**

# UMC- Unknown Mission Challenge

- Mission tasks will be totally unknown until the day of competition
- Robots are built and programmed at the competition
- Please take the appropriate precautions regarding masks and social distancing during all activities associated with ROWC

# List of Teams (16 Teams)

Team ID	Team Name	Org Name	Coach	TeamCity	OrgState
2864-1	RIHK-UMC01	Robot Institute of Hong Kong	CHAN TING KWOK	Hong Kong	HK
2881-1	Happy Bird	HKCCCU Logos Academy	TAM JIN LONG JEROME	Hong Kong	HK
2895-1	ARABOTS INVENTORS	Arabots Robotics	RODRIGO RODRIGUEZ RODRIGUEZ	Toluca	Mexico
2897-1	GARAGE	Garage Enterprise	JESUS GIOVANNI RAMOS GASPAR	Tepalcingo	Mexico
2964-14	bot_builders	Napoleon Community Schools	Adam Draa	Napoleon	MI, USA
2964-15	Fried Oreos!	Napoleon Community Schools	Adam Draa	Napoleon	MI, USA
3004-16	Cobrobots1	Metro-Detroit Area Schools	Pam Sparks	Metro Detroit Schools	MI, USA
3004-17	Cobrobots 2	Metro-Detroit Area Schools	Pam Sparks	Metro Detroit Schools	MI, USA
3163-7	Whitesands School Senior	Whitesands School	Kinsley David Adaigbe	Lekki	Nigeria
3455-3	RNS01	Rothsay Netherwood School	Tammy Earle	Rothsay	NB, Canada
3455-4	RNS02	Rothsay Netherwood School	Tammy Earle	Rothsay	NB, Canada
3627-1	Chingshin UMC	CHINGSHIN ACADEMY	YEN-JU NIU	Taipei	Taiwan
4147-2	CDSJ5_S3S	Colgio Diocesano de So Jos (5)	CHAN CHEONG LAM	Macau	Macau
4252-1	SWECK	OUR LADY OF GRACE SENIOR HIGH SCHOOL	ZACHEUS AMOAKO DARKO	Ghana	Ghana
4257-1	JAK	Prempeh College	Kwame Owusu Opoku	Kumasi	Ghana
4258-1	Cheng Yi Senior High School	Cheng Yi Senior High School	TE-MIN TSAI	Kaohsiung	Taiwan



# Sr UMC Location Judges

Justin Chan

Kwame Oteng Gyasi

Lai Chi Kei

Weng Hou Lai

Leslie Joppa

Kasuadana Sulemana Adams

Mary-Ellen Wilcox

Fabiel Sanchez

JC Lo

Alejandro Alcázar

Pam Sparks

Jim Riske

David Arturo Vilchis Gallegos

Kevin Gallatin

Adam Draa

Jerome Jin Long Tam

Man Lok Mona Lau

# Location Judge's Oath

*On my honor, I agree to serve today as an official location judge of a Robofest online World Championship in a completely fair and impartial manner for this global event.*

*I personally commit to this responsibility with no conflicts of interest, or pre-determined expectations for the outcome of the competition.*

*I understand the spirit of robofest that students solve problems and adult coaches/parents are not allowed to assist during the competition.*

*I have read the UMC rules carefully, understand them clearly, and will make my evaluations based on the rules.*

*After the competition, I will submit videos and scores with integrity.*

# Robofest Contestant Pledge (for Game Style Competitions)

*As a Robofest team member, I understand that the focus of Robofest is about learning through competition.*

*I will show personal integrity by honoring all Robofest rules, valuing fair competition and respecting judges and all other participants.*

*I will do my own work. I will NOT receive outside help from coaches, mentors, electronic devices or other sources during competitions and I will strictly follow impounding procedures.*

*I pledge make the Online Robofest 2022 great by upholding the Spirit of Robofest.*

# Team Introduction (Max 1 min)

- Team location: City or Region and Country
- Team school or organization
- Team coach, mentors, and volunteers
- Name & roles of each team member (Do not tell age or grade)

Just start when ready. Time keeper will tell “5 seconds left” and “time’s up”



# Unknown Mission Challenge Unveil

Elmer Santos

# Round 1 and 2 Sequence of Events

- Check **Starting location** of Robots
- Sites verify
  - Zoom setup is ready
  - Video setup is ready
  - Team is ready
  - Judges are ready
  - **RAISE HAND when ready**
- Emcee / Host will ask
  - Sites ready , LTU timer is ready, **Start videos**
- 3-2-1 "Go">>>**TEAMS START THEIR ROBOTS**
- Everyone must stay away from the table

**No Reruns- If there is an issue, keep the video running and get a record for later review**

# Group Photo

Please come close to the Zoom Camera



# Thank You!!!

- Send your official run videos to Google Drive File provided in Chat and Email
  - Share Files Directly
  - Upload to another format (YouTube) and upload link
- Results will be announced at the ROWC closing ceremony on Sat May 21
- Keep learning!



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