



Online World Championship



StackRolls Junior Division - Saturday, September 25, 2021

Schedule for Jr Game (time in EDT)

6:30 am Zoom early check-in for Location Head Judges. Microphone and camera will be tested for each team. Pre-event checklist will be verified as complete. (90 min)

8:00 final check-in. All LHJs must be online

8:15 OFFICIAL EVENT OPENING (15 min)

- LTU remarks by video -- Rules; Introduction of Location Judges; Judge's oath -- Contestant pledge -- Announcements

8:30 TEAM INTRODUCTIONS -Teams & robots (30 min) (1.25 x 27 = 35 min) Group Photo

9:05 ROUND 1 (47 min)

- Unveiling Round 1 UTF (5 min)
- Field setup by LHJ (3 min)
- 30 min Work time (Check Playing Fields) (30 min)
- All Robots Impounded on playing field- LHJ Check Robot Dimensions (4 min)
- Run 1 (5 min)

9:52 ROUND 2 (47 mins)

- Unveiling Round 2 UTF (5 min)
- Field setup by LHJ (3 min)
- 30 min Work time (Check Playing Fields) (30 min)
- All Robots Impounded on playing field- LHJ Check Robot Dimensions (4 min)
- Run 2 (5 min)

10:39 Closing and Farewell (10 min)

10:49 webinar off-line

Checklist for Check-in LHJs



2021 Online World Championship Game - StackRolls Location Head Judge (LHJ) Pre-Event Checklist



LHJ is required to PRINT THIS CHECKLIST and check off each item before logging in to the Online Event on event day. During Check-in, show this completed and signed sheet to the Site Host.

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

- ☐ Read and understand 2021 StackRolls Rules and StackRolls Rules Updates
- ☐ Download and print the following items:
 - ☐ Paper Scoring Form (Print at least 2): http://www.robofest.net/images/2021/StackRolls_Score_Sheet.pdf
 - ☐ Proctor Violation Report: https://robofest.net/images/20172018/PDFS/Proctor_Forms.pdf
 - ☐ Roll Marker Locator Jig (Optional - Print Actual Size and verify measurements with ruler) http://www.robofest.net/images/2021/Roll_Marker_Jig.pdf
- ☐ Prepare StackRoll Game Field (see section 2 of the rules) Check each item:
 - ☐ 1 Table on the floor
 - ☐ Black paper: letter size (21.59 x 27.94cm). All the edges are scotch-taped over the paper & the table
 - ☐ 6 Toilet Paper Rolls (updated from previous checklist) Please make sure they are in good condition
 - ☐ Height: 9.6m ~ 11.5cm
 - ☐ Outer Diameter: 11cm ~ 13cm
 - ☐ Diameter of cardboard core: 3.8 cm ~ 4.5cm
 - ☐ Weight: 150 g ~ 212 g
 - ☐ Roll Markers (Reinforcement stickers or tape)
 - ☐ Prepare: pencil, clipboard, measuring tape (at least 100 cm), tripod (optional)
- ☐ Prepare Online Login device - Laptop, Tablet or Phone (Zoom or other platform)
 - ☐ stable internet connection
 - ☐ battery fully charged
 - ☐ camera accessible
 - ☐ set up so camera positioned as shown with the Game table in the foreground and team pit area is 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



Prior to Check-In on Event Day:

- ☐ Confirm Team is ready to present a 1-minute introduction of the team and the robot when called upon during opening
- ☐ Confirm LHJ is ready to present a brief introduction when called upon during opening
- ☐ Confirm Recording Judge has the recording device with battery and sufficient memory
- ☐ 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
- ☐ Check Robot Size w/ maximum 50x50 cm including expansion
- ☐ Check Robot has "Front" label
- ☐ Inspect Robot for any illegal materials (see section 8 of rules)
- ☐ Assemble Judges and Team (with robot) to prepare for Event Check-in

I _____ verify that I have completed each item on this checklist
(send an image of this form with the completed score sheets and any collected Consent Forms).

Lawrence Technological University

Welcome from Dr. Moudgil



UMC

ROBOArts

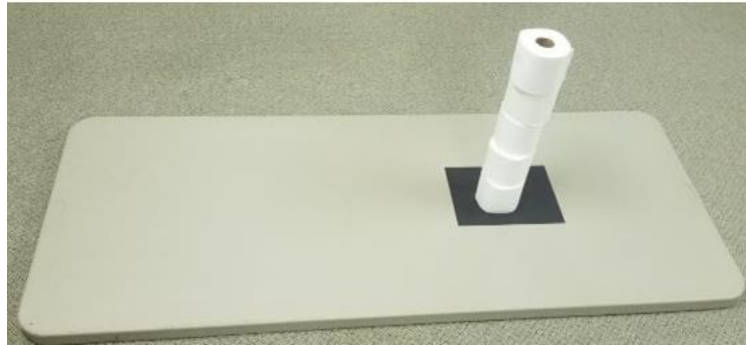
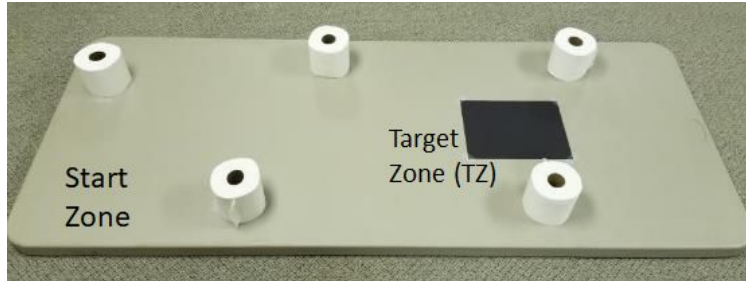
RoboMed 

Exhibition

BOTTLESumo



StackRolls Game Synopsis



Move toilet paper rolls to the Target Zone (TZ). Highest points will be given if all the rolls are arranged in a stable stack

List of Jr StackRolls Teams (27)

Team ID	Team Name	Organization	Coach	City	State
883-6	Wildcat 6	Washtenaw Christian Academy	Betty Recker	Saline	MI
883-8	Lil Robot	Washtenaw Christian Academy	Betty Recker	Saline	MI
1851-2	TX001-JR	Robot&computer	Sangyoun Lee	Goyang	Korea
2072-4	Z Human Beans	Southfield Christian	Philip Bigos	Southfield	MI
2072-6	Hackers	Southfield Christian	Philip Bigos	Southfield	MI
2109-8	TechBros	LEGO LEGION	Srinivas Bommidi	Novi	MI
2109-9	LogicBot	LEGO LEGION	Srinivas Bommidi	Novi	MI
2109-11	Bionic Builder	LEGO LEGION	Srinivas Bommidi	Novi	MI
2170-1	roboAssault	King's-Edgehill School	DJ DeCoste	Windsor	NS
2446-3	The Blue Doritos	Warren Woods Christian School	Becky Branch	Warren	MI
2559-2	R&G2	R&G Robot	Jong Chae Chung	Seoul	Korea
2559-3	R&G3	R&G Robot	Jong Chae Chung	Seoul	Korea
2559-4	R&G4	R&G Robot	Jong Chae Chung	Seoul	Korea
2705-1	Robobobo	SMART Labs	Erik Rosvold	Rochester	MI
2705-2	Llama Dabba	SMART Labs	Erik Rosvold	Rochester	MI
3004-7	GAME ON	Metro-Detroit Area Schools	Pam Sparks	Detroit Hazel Park	MI
3004-13	Ecotek Game Jr	Metro-Detroit Area Schools	Pam Sparks	Detroit Hazel Park	MI
3263-1	Clearwater TEK	Clearwater Public Library	Crystal Mathews	Clearwater	FL
3463-2	Ecole virtuelle2	ecole virtuelle au CSAP	Lucie Michaud	Dartmouth	NS
3555-7	Steam Robo Builders	STEAM Robo Builders	Neelima Chalasani	Farmington Hills	MI
3666-1	High	PowerKids	HSIN-YI HUNG	Taoyuan City	Taiwan
4055-4	Giant	fischertechnik	HUI-YANG TUAN	Taipei City	Taiwan
4056-2	Rocket	fischertechnik	JUN-EE ENG	Taipei City	Taiwan
4057-1	Nets	fischertechnik	PO-HSUAN LIN	Taipei City	Taiwan
4165-3	Francisca Nneka Okeke	Right to Dream Academy	Josephus Christian Taylor	Accra	Ghana
4165-4	ATO	Right to Dream Academy	Josephus Christian Taylor	Accra	Ghana
4173-1	Power No.1	Taipei City	Ya-Hui Yang	Taipei City	Taiwan

Introduction of Location Judges

- *This program and Location Judge list is available on the Robofest World Championship page at www.robofest.net*

2021 Robofest Online World Championship

OFFICIAL ROWC 2021 POSTER (PDF)

2021 ROWC EVENTS:

Category	Day	Date *	Zoom Webinar Registration Link	Pre-Meeting Date **	Event Judge Lists and Bios	Event Program
Sr. BottleSumo Time Trial CL & UL	Friday	9/17/21	SR BSTT WEBINAR	9/15/21	Sr BSTT Judges	Sr BSTT Program
Jr. BottleSumo Time Trial	Saturday	9/18/21	JR BSTT WEBINAR	9/16/21	Jr BSTT Judges	Jr BSTT Program
Sr. Game: StackRolls	Friday	9/24/21	SR GAME WEBINAR	9/22/21	Sr Game Judges	Sr Game Program
Jr. Game: StackRolls	Saturday	9/25/21	JR GAME WEBINAR	9/23/21	Jr Game Judges	Jr Game Program

Location Judges

Anna Raese	Jane Pokriefka	Matthew Thomas
Ayeley Commodore-Mensah	Jawahar Babu	Nagajyothi Akinepally
Beth Clarke	Jayaprakash Madhamshetty	Pam Sparks
Byung Jun, Kim	Jeevak Badve	Pradeepa Babu
Clifford Ohene	Jim Alvaro	Sang Won, Jeon
Darrel Recker	Jong Chae, Chung	Sang Youp, Lee
Dave Raese	Jordan Paradowski	Senthil Natesan
Denise Gasse	Kate Stevens	Seung Dong, Baek
Emmanuella Amoah	Keith Law	Sunil Ramakrishnappa
ENG, JUN-EE	Keith Young	Tria Bangs
Eric Therrien	Leann Bigos	TUAN, HUI-YANG
Erik Rosvold	Leslie Joppa	Valerie Mathre
Hung, Hsin-Yi	LIN, PO-HSUAN	Yang, Ya-Hui

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 predetermined 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 **StackRolls** 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)

**Led by: Teams 4165-3 “Francisca Nneka Okeke” and 4165-4 “ATO”
from Right to Dream Academy in Old Akra, Ghana**

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 to make the Online Robofest 2021 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”

Group Photo

Please come close to the Zoom Camera



Jr StackRolls - Rules for ROWC

- Unknown Tasks and Factors (Robot start location, d and e dimensions, and any special unknowns), are unveiled **30 minutes** prior to impounding robots for each round
- Winners will be decided by the average results from the 2 rounds



Round 1

Unknown Tasks and Factors Unveil

Work time will begin after Q/A

Stack Rolls Round 1 Sequence of Events

- Check **Starting location** of Robots
- Check **orientation** of Robots
- Sites verify
 - Zoom setup is ready
 - Video setup is ready
 - Rolls set up correctly
 - Team and Judges ready
 - **RAISE HAND when ready**
- LTU 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
- At end of run, move video recording device to get **closer** view of robot's end position and Target Zone area

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



Round 2

Unknown Tasks and Factors Unveil

All Robots should remain impounded in the Start Zone
Laptops should remain closed
Work time will begin after Q/A

Stack Rolls Round 2 Sequence of Events

- Check **Starting location** of Robots
- Check **orientation** of Robots
- Sites verify
 - Zoom setup is ready
 - Video setup is ready
 - Rolls set up correctly
 - Team and Judges ready
 - **RAISE HAND when ready**
- LTU 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
- At end of run, move video recording device to get **closer** view of robot's end position and Target Zone area

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

Judge and Coach Follow Up

- Send your official run videos and score sheets to the Google Drive folder provided in Chat and email
 - Share Files Directly
 - Upload to another format (YouTube) and upload link
- If issues with upload, send video to esantos@ltu.edu
- Results will be announced at the ROWC closing ceremony on Sat Oct 2

Thank You!!!

See you on October 2

You may now log off the Webinar



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Keep learning!