



StackRolls Senior Division - Friday, September 24, 2021

# Schedule for Sr 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, Group Photo

**8:30 TEAM INTRODUCTIONS -Teams & robots (30 min) (1.25 x 24 = 30 min)**

**9:00 ROUND 1 (47 min)**

- Unveiling Round 1 UTF (5 min )
- 30 min Work time (Check Playing Fields) (30 min)
- All Robots Impounded on playing field- LHJ Check Robot Dimensions (2 min)
- Field setup by LHJ (5 min)
- Run 1 (5 min)

**9:47 ROUND 2 (47 mins)**

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

**10:34 Closing and Farewell (10 min)**

**10:44 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](http://www.robofest.net/images/2021/StackRolls_Score_Sheet.pdf)
  - ☐ Proctor Violation Report: [https://robofest.net/images/20172018/PDFS/Proctor\\_Forms.pdf](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](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

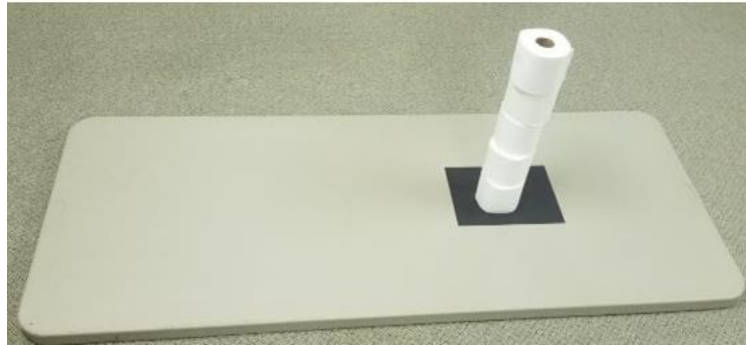
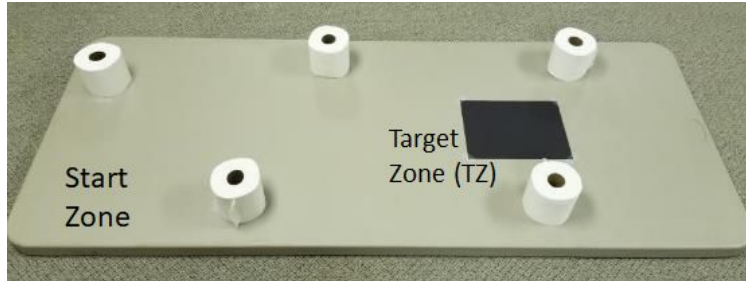
RoboMed 

**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 Sr StackRolls Teams (23)

Team ID	Team Name	Organization	Coach	City	State/Country
421-9	MS009	Dong-Jak Center KOREA	KYUNGSEOL LEE	Seoul	South Korea
421-10	MS010	Dong-Jak Center KOREA	KYUNGSEOL LEE	Seoul	South Korea
883-3	Unibrow	Washtenaw Christian Academy	Betty Recker	Saline	MI
883-13	Lag OS	Washtenaw Christian Academy	Betty Recker	Saline	MI
1080-1	Alpha	Bethany Christian School	Brian Kincheloe	Troy	MI
1851-1	TX001-SR	Robot&computer	Sangyoun Lee	Goyang	South Korea
2104-1	KSR1	bundang	LEE HWAN DONG	Sungnam	South Korea
2170-4	Mediocrity	King's-Edgehill School	DJ DeCoste	Windsor	Nova Scotia
2559-1	R&G1	R&G Robot	Jong Chae Chung	Seoul	South Korea
2668-1	Royal Robots	Annapolis West Education Centre	Jeff Hafting	Annapolis Royal	Nova Scotia
2897-1	Garage Zafiro	Garage Enterprise	JESUS GIOVANNI RAMOS GASPAR	Morelos	Mexico
2964-2	I Chose This Over Bridge	Napoleon Community Schools	Adam Draa	Napoleon	MI
3719-1	Bassit Stack	PREMPEH COLLEGE	Peter Agyeman	Kumasi	Ghana
3729-1	MET	ETRONIC	Hector Rafael Herrera Gomez	Pachuca De Soto	Mexico
4000-1	Sandy Lake Academy 1	Sandy Lake Academy	Jose Dias	Bedford	Nova Scotia
4057-2	Destiny	fischertechnik	PO-HSUAN LIN	Taipei City	Taiwan
4058-2	Cheng Yi Senior High School	Cheng Yi Senior High School	DE-WEI TSAI	Kaohsiung City	Taiwan
4158-1	Suazabots	Colegio Suazapawa	Oscar Roberto Fonseca Barrera	Colombia	Colombia
4159-1	Robotics Minds	Robotic Minds	Cristian Astudillo	Ecuador	Ecuador
4165-1	Soccerbot Stars	Right to Dream Academy	Josephus Christian Taylor	Accra	Ghana
4165-2	Soccerbot Pharaohs	Right to Dream Academy	Josephus Christian Taylor	Accra	Ghana
4169-2	A.N.A. Stack	Prempeh College	Kwame Owusu Opoku	Kumasi	Ghana
4174-1	Aces	Jeddah Gifted School	Barea Qari	Jeddah	Saudi Arabia



# Introduction of Location Judges

- This program and Location Judge list is available on the Robofest World Championship page at [www.robofest.net](http://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
Jr. Exhibition	Saturday	9/11/21	<a href="#">JR EX WEBINAR</a>	9/9/21	Jr Ex Judges	<a href="#">Jr Ex Program</a>
Sr. BottleSumo Time Trial CL & UL	Friday	9/17/21	<a href="#">SR BSTT WEBINAR</a>	9/15/21	Sr BSTT Judges	Sr BSTT Program
Jr. BottleSumo Time Trial	Saturday	9/18/21	<a href="#">JR BSTT WEBINAR</a>	9/16/21	Jr BSTT Judges	Jr BSTT Program
Sr. Game: StackRolls	Friday	9/24/21	<a href="#">SR GAME WEBINAR</a>	9/22/21	Sr Game Judges	Sr Game Program
Jr. Game: StackRolls	Saturday	9/25/21	<a href="#">JR GAME WEBINAR</a>	9/23/21	Jr Game Judges	Jr Game Program

# Location Judges

Adam Draa	Gabriel Ángel García González	LIN, PO-HSUAN
Albany Noriega	Hwan Dong. Lee	Matt Keeler
Angelica Janet Gonzalez Chavarin	Jae Hee, Jeong	Manuel Higuera
Ayeley Commodore-Mensah	Jannah Bahareth	Maribel Islas Ramos
Brian S. Kincheloe	John Michalek	Matthew Thomas
Clifford Ohene	Jonathan Lara	Nana Akwasi Owusu
Cristian Fonseca	Jong Chae, Chung	Rahel Urban
David Amfo-Kwakye	Julio Herreria	Sang Youp, Lee
David Kwao-Sarbah	Kayla Wagner	Seung Dong, Baek
DJ DeCoste	Kwame Oteng Gyasi	Susie DeCoste
Emmanuella Amoah	Kyung Seol, Lee	TSAI , DE-WEI
Erin Wilson	Leslie Joppa	TUAN HUI YANG
Foster Hayes	Li-Chen Tsai	

# 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 Team 2668-1 Royal Robots, from Annapolis Royal, Nova Scotia:**

**Saul Hafting, Owen McClair, Cameron Chapman, Logan Cornwall**

*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



# Sr StackRolls - Rules for ROWC

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





# Round 1

# Unknown Tasks and Factors Unveil

# 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

# 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](mailto: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



Lawrence  
Technological  
University

## Keep learning!