

18th Annual

2017

LAWRENCE TECHNOLOGICAL UNIVERSITY
ROBOFEST

World Championship

June 1-3, 2017

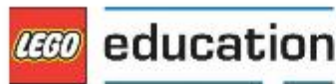
St. Pete Beach Community Center
7701 Boca Ciega Dr.
St. Pete Beach, Florida 33706



Main Sponsors

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Venue Sponsors

Computer Learning Center
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Important Things to Know about Venue & Events

Maps for Building & Rooms



Food

Thursday evening, June 1st, "Welcome Get Together", 5:30pm - 7:00pm at **Upham Beach**, located at 6700 Beach Plaza, St. Pete. Beach. A concession (Paradise Grille) is located on the beach, serving a variety of food items & beverages (including beer/wine) [Menu](#).

Friday: Mae's Mobile Truck (<http://www.maesmobile.com/menu>)

Saturday

- St. Pete. Beach Fire Department working the grill serving hamburgers, hot dogs, chips and drinks for a small fee.
- 2 Food Trucks on site. Their website and menus are in the links below.
 - Mae's Mobile Truck (<http://www.maesmobile.com/menu>)
 - Maggie on the Move (<http://maggieonthemove.com/index.php/menu.html>)
- In addition to the food trucks, there are some restaurants within a 3 block walk.
 Vitos & Michaels Pizzeria 7704 Blind Pass Road; Chill Restaurant and Bar 357 Corey Ave; Nori Thai Restaurant 7612 Blind Pass Road; Verducci's Pizzeria Trattoria 7736 Blind Pass Road; Tuttrossa Pizzeria 7863 Blind Pass Road; PJ's Oyster Bar 7490 Gulf Blvd; Beverly's La Croisette 7401 Gulf Blvd.

Communications

- **Wifi** – Available **FREE** at the St. Pete. Beach Community Center. No password is needed.
- **Live streaming** of the event all 3 days on Facebook <https://www.facebook.com/spbrec/>
- Friday evening, June 2nd BottleSumo competition & Saturday, June 3rd competitions will be live streamed to www.stpetebeach.org, just click on the Robofest logo on the main page to watch.
- Locals can also view the competition on our **Spectrum channel 642**
- Florida PBS, WEDU will be covering Friday afternoon/evening and all day Saturday

Misc.

For other needs near the Community Center: Winn Dixie Supermarket and Walgreen's Drug Store.

World Robofest 2017 Schedule at a glance *(tentative, updated May 27)*

DATE	TIME	Gymnasium	Underneath	Raymond room	Boca Ciega room
Thursday - June 1	8:30am ~	Setup begins	Setup begins		
	10am - 5pm	Game and BottleSumo practice area open.	Open to participants (teams can practice)	Drawing contest setup & Judge meeting (1:30~4pm) Robot Drawing Contest	(1pm ~ 4pm) RoboParade setup & Judges meeting
	5:30pm ~	Welcome Get Together @ Upham Beach. No RSVP needed. Concessions available			
Friday - June 2	8:30am - 11:30am	Game, BottleSumo Practice areas are open	Teams can practice	WISER 1	RoboParade
	11:30am-12:30pm		Polytech U. demo. Lunch for WISER*	UMC Setup & Judges meeting	
	12:30 - 4:00pm	(1pm~) Surprise Challenge for Game Teams(*2)	Teams can practice	WISER 2	JR. & SR. UMC (Unknown Mission Challenge)
	4:00 ~ 4:30pm	BottleSumo Setup & Judge Training			
	4:30-5:00pm				
	5:00-8:30pm	Jr & Sr BottleSumo	Pizza dinner (*3)	Vcc setup, Judge training & team practice	Exhibition & GRAF teams begin setup; Judges meeting
			(7pm ~) Game Judge training		
	8:30-9pm	Game Setup			
Saturday - June 3	8:00am	Game Judge meeting	Team Check In	Vcc Judge meeting	Exhibition & GRAF Judge meeting
	9:00 - 9:30am		Opening Ceremonies		
	9:30am - 3:45pm	Game	Live Stream Viewing & Concession Area (12:10~12:45pm) Award Ceremonies 1 (*4)	Vcc	Exhibition & GRAF teams
			Live Stream Viewing & Concession Area		
3:50-4:30pm		Closing & Award Ceremonies 2			

(*) Free only for WISER presenters

(*2) Optional. Only for official Game teams. Just show up at 12:30pm to participate

(*3) Free for everyone (teams, volunteers, parents, etc.), sponsored by LTU Robofest

(*4) Video Qualifier, Drawing, RoboParade, WISER, RoboHit Surprise, UMC, BottleSumo, and Team Photo

ROBOT DRAWING CONTEST

Thursday June 1, 2017

1:30pm ~ 4:00pm

Raymond Room

Schedule (Note – times are approximate)

12:30 pm	Check-In begins at the entrance of the Community Center, Breeze Way
1:30 pm	Welcome – Scott Howard , Drawing Contest Chairperson Brief introduction of contest rules Introduction of Judges - Drawing Contest Chairperson
1:40 pm	Announcement of contest theme - Chairperson <i>Spectators, coaches, and parents must leave the room. Only students, Judges, and volunteers can stay in the room. Unauthorized communication/activity between students and parents/coaches is prohibited.</i>
1:45 pm ~ 3:15pm	<i>Distribution of supplies</i> Drawing & writing time
3:15 pm	Collection of drawings and contest forms
3:20 pm	Award of Certificates and Group Photo

Announcement

- All the drawings will be displayed in the multipurpose Underneath area.
- Trophy Winners will be announced on Saturday, June 3 at noon in the Underneath area.
- All the participants will receive a medal on Saturday at noon. Medals may be picked up today if student cannot attend the awards ceremony on Saturday at noon.



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

ROBOParade™

Friday, June 2nd, 2017

8:30am ~ 11:30am

Boca Ciega Room

Time	RoboParade Activities
08:00 am	Team Check-in begins; set up team tables; PCA judge registration begins.
08:30 am	Welcome by Fred Miller , RoboParade Chairperson Introduction of Judges
08:35 am	Qualifying Test begins; Official flag will be given if passed
9:30 am	PCA judge registration ends.
9:30 am	Parade team introduction (Max. 1 minute is given for each team)
10:00 am	Start the Official Parade 1 . Judges and Registered PCA judges are invited to get a Closer View of the Robots
10:30 am	Parade teams may fix robots.
10:45 am	Start the Official Parade 2 . Judges and Registered PCA judges are invited to get a Closer View of the Robots.
11:20 am	PCA judging forms are due.
11:20 am	Closing and Certificate Award ceremonies Group Pictures End of PCA Judging form collection

2017 Parade theme is tropical beach "Surf and Sand"

RoboParade Traffic rules (Qualifying Test)

1. Robot must be fully autonomous with an official rear bumper
2. Robot must have a reliable program to follow a black line on a bright surface.
3. Robot must have the ability to detect a vehicle in front of it and stop; then automatically re-start when the vehicle in front has cleared.
4. Robot must display current speed and the speed must be greater than 9cm / sec and less than or equal to 18 cm / sec
5. Length of a unit must be less than 35cm
6. Each team member must complete a survey

Announcements

- Trophy Winners will be announced on Saturday June 3 at noon in the multipurpose Underneath area.
- All the participants will receive a medal on Saturday at noon. Medals may be picked up today if student cannot attend the awards ceremony on Saturday at noon.
- PCA Raffle will be conducted on Saturday during the Closing Ceremony at 3:00 pm – You must be present to win prizes.

21 RoboParade Teams

TeamID	Team Name	Organization	Coach	Team City	State
421-3	MS003	Dong-Jak Center KOREA	KYUNGSEOL LEE	Seoul	Korea
421-4	MS004	Dong-Jak Center KOREA	KYUNGSEOL LEE	Seoul	Korea
421-5	MS005	Dong-Jak Center KOREA	KYUNGSEOL LEE	Seoul	Korea
1686-7	Seoul Dynamics	Creative Robot Inventions	DAEWON LEE	Seoul	Korea
1686-8	Laboratory	Creative Robot Inventions	DAEWON LEE	Seoul	Korea
1687-5	CRA J3216	K-USROBOT	il chang Jung	Ulsan City	GND, Korea
1687-6	CRA J215	K-USROBOT	il chang Jung	Ulsan City	GND, Korea
1700-1	Courageous	Homeschool Robotics	Jackie Ryan	Sterling Heights	MI, USA
1850-3	Pocket Tema	R&G Robot Center	Ji Seon Cheon	Seoul	Korea
2401-5	ILLINOIS TEAM	Yama Learning Center	Prasuna Muddasani	Naperville	IL, USA
2580-3	HWSuper Team 3	RFChina-BJFLES	Cuirong Liu	Beijing	BJ, China
2583-2	Shanghai Team Two	RFChina-China Shanghai Team	Weiqing He	Shanghai	SHG, China
2610-1	A-School Robotic Team	HKBUAS Wong Kam Fai Sec & Pri School	LUK SHING YEUNG	Hong Kong	Hong Kong
2674-4	Space Falcons	Farnell Middle School	Alicia Ponds	Tampa	FL, USA
2720-4	RoboLabs	Hoben Elementary School	Danielle Pusilo	Canton	MI, USA
2806-5	Save the Orangutans	John Hopkins Middle School STEM	Nicole Golden	St. Petersburg	FL, USA
2836-1	Cangzhou Xinhua robot team	RFChina-Cangzhou	RUIMIN LIU	Cangzhou	BJ, China
2841-2	Lanzhou Xigu Lego Team 2	RFChina-Lanzhou Xigu Lego	LU ZHANG	Lanzhou	BJ, China
2875-1	Ding Ding Hong Kong	Buddhist Wong Fung Ling College	CHI KIN AU	Hong Kong	Hong Kong
2878-1	TNK(HK)No.1	PLK Tong Nai Kan Junior SecondaryCollege	CHUN HIN KWOK	Hong Kong	Hong Kong
2879-1	TNK(HK)No.2	PLK Tong Nai Kan Junior SecondaryCollege	YIU MAN LI	Hong Kong	Hong Kong

A Special Human Body Lettering Challenge for ALL Robofest Groups

Create a “THANK YOU” photo such as the following. Post the photo on Facebook page @Robofest and/or email at robofest@LTU.edu by June 2, 11:59pm. Selected photos will win prizes and be used to thank sponsors and volunteers.



WISER

World conference on Integrated STEaM Education through Robotics

Friday, June 2, 2017

9:00am ~ 3:05pm

Raymond Room

Robofest Coaches, Assistant Coaches are free to attend this conference.

- 9:00am – *Welcome remarks* by Dr. Sibrina N. Collins, PhD, Executive Director, The Marburger STEM Center, Lawrence Technological University
- 9:10am - *Plenary Talk "Past, Now, Future of Robotics Education"* by Dr. CJ Chung, Founder & Director of Robofest; Associate Computer Science Chair, LTU

Name	Title	Starting time
DaeWon Lee	Physical computing with physical activity	9:20am
David A Carbery PE	Comparing skills between Robofest and a career in Robotics	9:45am
Eric Liu	Robot Arm: Remote Control Vs Master/Slave System	10:10am
Sandeep Hiremath	Programming LEGO MINDSTORMS EV3 using MATLAB and Simulink	10:35am
Dr. Dean Bushey, Jonathan Morris, and Saivamsi Hanumanthu	Autonomous & Self-driving Car Demo	Presentation at 11:00am; Demo at 11:30am
Lunch break 11:30am ~ 1pm		
Bing Wei	Robotic Education and Training of Students' Engineering Thinking in Senior High School	1:00pm
Latha MURTHY	Robotics in Indian Schools	1:25pm
Laura Spence	K-12 STEM Programs in Pinellas County Schools	1:50pm
Pieter Pretorius	Robot Sport : Commitment	2:15pm
Emma Alaba	Accessing Robofest competitions in Florida and the STEM impact on the Tampa Bay Area	2:40pm



Unknown Mission Challenge

Friday, June 2nd, 2017

Noon ~ 4:30pm

Boca Ciega Room

Schedule (Note – times are approximate)

11:00 am	Team Check-In begins at the entrance of the Community Center, Breeze Way
12:00 pm	Welcome – Mr. David Carbery, UMC Chairperson, FANUC Robotics Brief Introduction of Rules Introduction of Judges and Volunteers
12:10 pm	<i>Spectators and coaches must leave the gym area. Only students, Judges, and volunteers can stay in the room. Teams will be immediately disqualified if any illegal communication/activity is detected.</i> Unknown Mission Unveiled.
3:00 pm	Robot Impound closed
3:10 pm	Runs begin. Teams will have two chances to test.
4:15 pm	Closing & Award Ceremony Certificate of participation will be given to all contestants. Group picture
4:30 pm	Cleanup begins. Teams are asked to clean up pit area. All UMC teams are invited to Pizza Dinner Party at 4:30pm.

Announcements

- Parents and Coaches are not allowed to be inside the Boca Ciega Room after 12:10pm.
- Official translators can be available, if requested by Thursday June 1st, 7pm to the Chairperson.
- Trophy Winners will be announced on Saturday, June 3 at noon in the multipurpose Underneath area.
- All participants will receive a medal on Saturday at noon. Medals may be picked up today if student cannot attend the awards ceremony on Saturday.

15 Jr. UMC teams

TeamID	Team Name	Organization	Coach	Team City	State
1686-5	Seoul Dynamics	Creative Robot Inventions	DAEWON LEE	Seoul	GYD, Korea
2109-41	Lego Legion	LEGO LEGION	Srinivas Bommidi	Novi	MI, USA
2308-7	ICON Junior 01	ICON WORLD	JAEHYEONG YOU	Incheon	GYD, Korea
2308-8	ICON Junior 02	ICON WORLD	JAEHYEONG YOU	Incheon	GYD, Korea
2579-2	HEB Lego	RFChina-VSLE	Xiaoxing Nie	Haerbin	BJ, China
2590-1	LegoTown Light Team	RFChina-LEGOTOWN	Jian Zhang	Beijing	BJ, China
2590-2	LegoTown Taller Team	RFChina-LEGOTOWN	Jian Zhang	Beijing	BJ, China
2603-2	MSCPS1	Munsang College Primary School	WONG SIU YUEN	Hong Kong	Hong Kong
2603-3	MSCPS2	Munsang College Primary School	WONG SIU YUEN	Hong Kong	Hong Kong
2720-3	RoboLabs	Hoben Elementary School	Danielle Pusilo	Canton	MI, USA
2735-16	Hi-TIX	TIX Robotics	TIX Robotics	Hyderabad	TGI, India
2737-2	Jammin' Awesome Blockies	JEKs	Steven Sinclair	Aurora	IL, USA
2837-3	Chinese boy	RFChina-Huhehaote Lego Education	TIEQING HAN	Huhehaote	BJ, China
2897-3	GARAGE ENTERPRISE	Garage Enterprise	JESUS GIOVANNI RAMOS GASPAS	Morelos	Mexico
2898-2	TECNOBOTICS ALUX	TECNOBOTICS	Laura Hernandez Estrada	Pachuca	Mexico

11 Sr. UMC teams

2109-42	Buddies	LEGO LEGION	Srinivas Bommidi	Novi	MI, USA
2109-43	Tobors	LEGO LEGION	Srinivas Bommidi	Novi	MI, USA
2170-6	King's-Edgehill School	King's-Edgehill School	DJ DeCoste	Windsor	NS, Canada
2308-9	ICON Senior 01	ICON WORLD	JAEHYEONG YOU	Incheon	GYD, Korea
2308-10	ICON Senior 02	ICON WORLD	JAEHYEONG YOU	Incheon	GYD, Korea
2383-4	Robats	Horton High School	Neil Burgess	Wolfville	NS, Canada
2601-2	RIHK Team A	Robot Institute of Hong Kong	YAU KA CHUN	Hong Kong	Hong Kong
2606-1	WWT1	Buddhist Wong Wan Tin College	LEUNG KAI FAN	Hong Kong	Hong Kong
2837-1	Coyote	RFChina-Huhehaote Lego Education	TIEQING HAN	Huhehaote	BJ, China
2896-1	T.A.C.O.S	Divertrobots	Elisa Marrero Hernandez	Atacomulco	Mexico
2897-2	GARAGE COORPORATION	Garage Enterprise	Jesus Giovanni Ramos Gaspar	Morelos	Mexico

Robofest is not possible without coaches' leadership and dedication. In 2017 we have recognized the following coaches who have reached their anniversary year.

- 15 year coach: Scott Eisele
- 10 year coaches: Zachary MacLean and Lynn Okamura
- 5 year coaches: Jackie Ryan, Rick Draper, Jason Mastropietro, Timothy Grau, and
- Elizabeth Kissner

BOTTLESumo

Friday, June 2nd, 2017

5:00pm ~ 8:30pm

Gymnasium

Important Note: There will be 4 Jr groups and 2 Sr. groups. Each team must know its group number.

Tentative Schedule (Note – times are approximate)

4:00 pm	Team Check-In begins. Teams may practice on the official fields.
5:00 pm	Welcome by Elmer Santos, Jr BottleSumo Chairperson & Robofest Assistant Director and David Carbery, Sr. BottleSumo Chairperson
5:10 pm	<i>Adults are asked to leave pit before unveiling.</i> Unveiling how to start a game by Elmer Santos. 30 min work-time begins.
5:40 pm	Impounding of robots begins. Weight and size will be checked. Each robot must have ID tag.
5:50 pm	Qualifying Time Trials begin on <u>6 tables</u> (4 Jr. groups and 2 Sr. groups) in parallel; Each team will have max 120 seconds. If the robot falls off the table, automatically 121 seconds will be assigned. Each ring will use its own timer. Expected max time taken: 3 min x 13 = 40 minutes; Robots must be returned to the impounding table.
6:30 pm	Teams can pick up robots. 20 min work-time begins. Seeded single elimination tournament bracket for each group announced.
6:50 pm	2 nd Impounding of robots begins. Weight and size will be checked again. Each robot must have ID tag.
7:00 pm	Single elimination match begins on <u>6 tables (4+2 groups) in parallel</u> <i>Average time for a match: 4 min; Max 13 matches x 4 min = 52 minutes</i>
7:55 pm	Semi-final Matches for Junior: Winners of Group 1 and G3, Winners of G2 and G4
8:05 pm	Final Match for Junior
8:10 pm	Final Match for Senior
8:20 pm	Closing & Award Ceremony Certificate of participation will be given to all contestants. Group picture
8:30 pm	Cleanup begins

Announcements

- Parents and Coaches are not allowed to be inside the gym after 5:10pm.
- Official translators can be available, if requested by Thursday June 1, 7pm to the Chairperson.
- Trophy Winners including Time Trial winners will be announced on Saturday June 3 at noon in the multipurpose “Underneath” area.
- All the participants will receive a medal on Saturday June 3 at noon. Medals may be picked up today if student cannot attend the awards ceremony on Saturday.

Jr. BottleSumo Group 1 (11)

teamID	Name	Organization	Coach	City	State
1686-3	Laboratory	Creative Robot Inventions	DAEWON LEE	Seoul	GYD, Korea
2308-5	ICON Hulk	ICON WORLD	JAEHYEONG YOU	Incheon	GYD, Korea
2582-2	Heat	RFChina-LEXT	Wenbo Li	Beijing	BJ, China
2686-7	KINGS OF APS	RAJ ENTERPRISES	Savitha DG	Doddaballapur	KAI, India
2746-3	ALPHIAN ROBOTS	Novatech robo pvt ltd	Ramesh lokesh	Banegalor	India
2765-1	Fire Fox	Chinmaya Vidhyalaya	Bhagya Shree	Coimbatore	KAI, India
2768-12	Robo Legends	Trivandrum	Rinku George	Coimbatore	KAI, India
2782-2	Robostangs	Advantage Academy	Gavin Coleman	Plant City	FL, USA
2833-3	DANGER-PUGS	Divertrobots	Marcy Marrero	Atlacomulco	MEXICO
2842-1	Team Super Thunder	RFChina-Shenyang Lego Education	YANG CHEN	Shenyang	BJ China
2899-2	MACHINE ROBOTS	roboticminds	PATRICIA SERRANO	Quito	Ecuador

Jr. BottleSumo Group 2 (12)

1686-4	Seoul Dynamics	Creative Robot Inventions	DAEWON LEE	Seoul	GYD, Korea
1966-6	The Admirals	Trophy Computers & Robotics	Pieter Pretorius	Vanderbijlpark	SA-GA, South Africa
2308-6	ICON Timon And Pumbaa	ICON WORLD	JAEHYEONG YOU	Incheon	GYD, Korea
2583-1	Shanghai Team Three	RFChina-China Shanghai Team	Weiqing He	Shanghai	SHG, China
2735-8	Robo Hunters	TIX Robotics	TIX Robotics	Hyderabad	TGI, India
2746-11	Alpha Indian Super Robot Fighters	Novatech robo pvt ltd	Ramesh lokesh	Banegalor	India
2766-4	REAL STEEL	KENDRIYA VIDYALAYA	Nikhil Sebastian	Coimbatore	KAI, India
2768-22	Legendary Warriors	Trivandrum	Rinku George	Coimbatore	KAI, India
2788-3	Robo Kings	Rani Public School	Nabhan .	Vadagara	KLI, India
2838-1	ZY Team	RFChina-Jilin Lego Education	Hongliang Zhang	Jilin	BJ, China
2872-1	EC	Evangel College (Primary School)	Mei Sze Meicy Ng	Hong Kong	Hong Kong
2900-1	MET	ETRONIC	Angelica Janet Gonzalez Chavin	Pachuca	Mexico

The objective of BottleSumo is to **EITHER** be the first robot to find and *intentionally* push a two-liter bottle (filled with 1 liter of water) off the table and survive on the table at least 3 seconds **OR** be the last robot remaining on the table at least 3 seconds. The bottle will be placed at an unknown location that is the same distance away from the two robots.

Jr. BottleSumo Group 3 (12)

1777-2	The Demolishers	Embedded Logic LLC	Jason Mastropietro	Clearwater	FL, USA
1966-7	Insele Solutions	Trophy Computers & Robotics	Pieter Pretorius	Vanderbijlpark	SA-GA, South Africa
2579-1	HEB Lego	RFChina-VSLE	Xiaoxing Nie	Haerbin	BJ, China
2590-3	LegoTown Warrior Team	RFChina-LEGOTOWN	Jian Zhang	Beijing	BJ, China
2735-9	Robo Dragons	TIX Robotics	TIX Robotics	Hyderabad	TGI, India
2747-1	Eagle Eye	Oakridge International School Newton Ca	Ashish Mishra	Hyderabad	TGI, India
2768-1	The Tech Team	Trivandrum	Rinku George	Coimbatore	KAI, India
2770-3	Mastero Robots	Bharatiya Vidhya Bhavan	THOMAS NOEL	Calicut	KAI, India
2796-4	GC-Sumo	Colegio Gimnasio Campestre	Camilo Villalba	Bogota	CO-DC, South Africa
2840-1	Hope of the star 1	RFChina-lanzhou Lego Education	HONGBO XIE	Lanzhou	BJ, China
2881-1	Logos Dream Catcher	HKCCCU Logos Academy	JIN LONG JEROME TAM	Hong Kong	Hong Kong
2691-3	YMD destroyers	Novatech Robo Pvt.Ltd	Abdul Razak M	Bangalore	KAI, India

Jr. BottleSumo Group 4 (12)

1822-4	Vibots	McLane Middle School	Michael Wilson	Brandon	FL, USA
1850-2	Pocket Tema	R&G Robot Center	Ji Seon Cheon	Seoul	GYD, Korea
2243-2	LMS Robotics	Liberty Middle School	Steven Roberts	Ocala	FL, USA
2580-1	HWSuper Team 1	RFChina-BJFLES	Cuirong Liu	Beijing	BJ, China
2603-1	MSCPS	Munsang College Primary School	WONG SIU YUEN	Hong Kong	Hong Kong
2745-1	Block Buster	Vybhava Robotics	Shailaja Gadagoju	Hyderabad	TGI, India
2761-1	Sumo Makers	CHINMAYA VIDYALAYA	KAARTHICK BABU N.G.B.	Calicut	KAI, India
2768-6	Never Giveup	Trivandrum	Rinku George	Coimbatore	KAI, India
2770-8	NIXEL BOYS	Bharatiya Vidhya Bhavan	THOMAS NOEL	Calicut	KAI, India
2822-1	SSR	Wuxi Golden key	JUNYI WU	Wuxi	BJ, China
2840-2	Hope of the star 2	RFChina-lanzhou Lego Education	HONGBO XIE	Lanzhou	BJ, China
2899-1	Rebots	roboticminds	PATRICIA SERRANO	Quito	Ecuador

How to start the game (the way to start the robot moving) is an **unknown task** that is unveiled 30 minutes prior to impounding robots.

Sr. BottleSumo Group 1 (13)

1687-4	CRA S211	K-USROBOT	il chang Jung	Ulsan City	GND, Korea
1899-6	Lego Techs - Sumo Wrestle	St Pete Beach Rec Center	Alan Oates	St Pete Beach Fl	FL, USA
2202-2	DRHS Robotics	Digby Regional High School	Tim Mollins	Digby	NS, Canada
2473-1	DUO ROVERS	Hyderabad	Ravikumar Devalapally	Hyderabad	TGI, India
2559-4	Unique	R&G Robot	Jong Chae Chung	Seoul	GYD, Korea
2604-1	The Hoonicorn	Po Leung Kuk Lo Kit Sing (1983) College	TAM SIU SUN	Hong Kong	Hong Kong
2735-1	MaHa	TIX Robotics	TIX Robotics	Hyderabad	TGI, India
2766-1	BVM Global-1	KENDRIYA VIDYALAYA	Nikhil Sebastian	Coimbatore	KAI, Inida
2770-19	Robo Warriors	Bharatiya Vidhya Bhavan	THOMAS NOEL	Calicut	KAI, India
2787-4	Chitty	JDT Islam Group of Institutions	Abdul Razak M	Calicut	KLI, India
2842-4	Stubborn Boy	RFChina-Shenyang Lego Education	YANG CHEN	Shenyang	BJ, China
2876-1	PAKKAU TEAM	PAK KAU COLLEGE	LAI KUEN LI	Hong Kong	Hong Kong
2895-2	Sha_bots	Divertrobots	Rodrigo Rodriguez	Toluca	MEXICO

Sr. BottleSumo Group 2 (12)

1700-2	Courageous	Homeschool Robotics	Jackie Ryan	Sterling Heights	MI, USA
2170-7	King's-Edgehill School	King's-Edgehill School	DJ DeCoste	Windsor	ON, Canada
2383-5	Robats	Horton High School	Neil Burgess	Wolfville	NS, Canada
2559-3	It's High Noon	R&G Robot	Jong Chae Chung	Seoul	GYD, Korea
2559-5	YNWA	R&G Robot	Jong Chae Chung	Seoul	GYD, Korea
2690-2	ROBO BOOSTERS	Raj enterprises	KAVYA D S	Doddaballapur	KAI, Inida
2735-10	Robo Samurai	TIX Robotics	TIX Robotics	Hyderabad	TGI, India
2770-17	Nexus Robo	Bharatiya Vidhya Bhavan	THOMAS NOEL	Calicut	KAI, India
2787-3	3 Kings	JDT Islam Group of Institutions	Abdul Razak M	Calicut	KLI, India
2837-2	Coyote	RFChina-Huhehaote Lego Education	TIEQING HAN	Huhehaote	BJ, China
2865-1	HK Cyclone	Tsung Tsin College	CHEUK HEI NG	Hong Kong	Hong Kong
2880-1	PCMS-1	Pui Ching Middle School	WAI TUNG CHUNG	Hong Kong	Hong Kong

LTU Scholarship Opportunity for all Robofest Participants:

We are very pleased to announce a new scholarship opportunity for all Robofest team members who attend Lawrence Technological University. Submit your application, along with a 400-word essay regarding your Robofest experience, your career goals, and a letter of recommendation from one of your Robofest adult coaches or mentors for a chance to earn a \$3,000 renewable scholarship. Deadline date: April 1st. The application can be found on the LTU.edu website.



Opening Ceremonies

Saturday, June 3, 2017, **9:00am ~ 9:25am**

Multipurpose Underneath Area

Emcee: Rose Mack

- Flag presentation (Canada, China, Colombia, Ecuador, Egypt, Ghana, Hong Kong, India, Korea, Mexico, South Africa, and USA)
- National Anthem: Victoria Jean
- Welcome Opening Remarks by Al Johnson, Mayor of St. Pete Beach
- Opening Remarks by Dr. Sibrina Collins, Executive Director of Marburger STEM Center, Lawrence Technological University
- Introduction of Game, Exhibition, GRAF RoboArts, and Vision Centric Challenge teams
- Introduction of Judges and proctors
- Explanation of key rules and announcements

Award Ceremonies 1

Saturday, June 3, 2017, **12:10pm ~ 12:45pm**

Multipurpose Underneath Area

Emcee: Rose Mack

- Awards for (International & USA) Video qualifier winners
- Robot Drawing Contest: Award of medals to all contestants and trophies to winners
- RoboParade: Award of medals to all contestants and trophies to winners
- WISER: Award of best presentation trophies to winners
- Surprise Challenge for RoboHit Game teams: Award of trophies to winners
- UMC: Award of medals to all contestants and trophies to winners
- BottleSumo: Award of medals to all contestants and trophies to winners
- Spirit of Robofest Team Photo Award

Closing & Award Ceremonies 2

Saturday, June 3, 2017, **3:30pm ~ 4:15pm**

Multipurpose Underneath Area

Emcee: Rose Mack

- Raffle for PCA voters. (Voters must present to win)
- Recognition of Coaches and Team Members: Coaches will award individual trophies to students.
- Group photo of all students and coaches (all the categories)
- VIP seating: 5 year coach, Site Hosts, and Venue Sponsors
- Announcement of 2017 World Robofest City
- Closing Remarks by Al Johnson, Mayor of St. Pete Beach
- Closing Remarks by Dr. Sibrina Collins, Executive Director of Marburger STEM Center, Lawrence Technological University
 - 5 year anniversary coach award (Jason Mastropietro)
 - Award of Appreciation: Qualifying Site Hosts, Sponsors, and World Championship Hosts
 - Recognition of Judges, Volunteers, and Staff
- Presentation of trophies to winning teams: Each Chairperson will announce trophy winners

GAME *RoboHit*

Saturday, June 3, 2017, 8:00am ~ 3:10pm
Gymnasium

(45 Jr and 24 Sr Game teams)

8:00 am	Gym doors open; Teams may setup team tables. Adults must leave immediately after delivering robots, laptops, etc. Teams must self-check robot size, etc. Team-ID & Front side label should be on the robot. Both official & practice fields are open for practice.
9:00 am ~ 9:30am	Opening Ceremonies in the Underneath area. Teams are not allowed to stay in the gym at this time. Teams will be introduced during the opening ceremonies.
9:30 ~ 9:35am	Unveil Unknown Tasks & Factors for RoboHit Game Round 1, by Dr. Cartwright, RoboHit Game Chairperson
9:35 ~ 10:05am (30 min)	Game teams work on unknown tasks & factors. Students must remain in pit area.
10:05 ~ 10:15am	Robot Collection (Impound area) – no testing allowed
10:20 ~ 11:43am (Round 1)	Smallest team number will compete first. 5 teams (3 Jr. and 2 Sr. teams) will be timed and judged at the same time. Each run includes: <ul style="list-style-type: none"> • Move-in (2 min), Play (2 min), and • Move-out (1.5 min) There will be max 15 runs for a time of 5.5 min x 15 = 83 minutes.
11:43 ~ 12:50pm	Lunch Break <ul style="list-style-type: none"> • <i>Robots remain on impound tables; Scores to be projected</i> • <i>Award Ceremonies 1 (12:10pm ~ 12:45pm) will be held in the Underneath lunch area</i>
12:50 ~ 12:55pm	Unveil Unknown Tasks & Factors for RoboHit Game Round 2, Chief Game Judge
12:55 ~ 1:25pm (30 min)	Game teams work on unknown factors
1:25 ~ 1:35pm	Robot Collection (Impound area)
1:40 ~ 3:03pm (Round 2)	Round 2 Game runs begin in the same order, smallest team ID first. (5.5min x 15 runs = 83 min) <i>Robots remain on impound tables.</i>
3:10pm	<i>Scores to be projected. Robots may be picked up at this time.</i> Go the Underneath area for Closing & Award Ceremonies 2

RoboHit Game Synopsis: A ball-stand is located at the center of a white square (Junior) or rectangle (Senior) shaped baseball field with a fence. A robot is to locate the ball-stand and hit the ping-pong ball resting on the top of it using a standard pencil as a bat. Points are earned depending on where the ball is hit. A home-run will be scored if the ball flies over the fence or hits either pole. Additional points are earned if the robot visits bases and returns back to Home-base, stops, and rests. Points are also earned if one or both of the trash objects are removed completely from the field.

45 Jr. Game Teams

TeamID	Team Name	Organization	Coach	Team City	State
336-2	Robotics	Welsh Hills School	Karen Lepper	Granville	OH, USA
336-4	I Robot	Welsh Hills School	Karen Lepper	Granville	OH, USA
1687-1	CRA J3216	K-USROBOT	il chang Jung	Ulsan City	GND, Korea
1687-2	CRA J215	K-USROBOT	il chang Jung	Ulsan City	GND, Korea
1752-2	Red Wampus	Westlake Christian School	Paul Weaver	Palm Harbor	FL, USA
1850-1	Pocket Tema	R&G Robot Center	Ji Seon Cheon	Seoul	Korea
1899-5	Lego Techs: Girlpower	St Pete Beach Rec Center	Alan Oates	St Pete Beach	FL, USA
1966-2	Insele Solutions	Trophy Computers & Robotics	Pieter Pretorius	Vanderbijlpark	SA-GA, South Africa
1966-3	The Admirals	Trophy Computers & Robotics	Pieter Pretorius	Vanderbijlpark	SA-GA, South Africa
2109-17	RoboTeks	LEGO LEGION	Srinivas Bommidi	Novi	MI, USA
2109-18	Droids	LEGO LEGION	Srinivas Bommidi	Novi	MI, USA
2109-19	Basebots	LEGO LEGION	Srinivas Bommidi	Novi	MI, USA
2109-20	MavisMinez	LEGO LEGION	Srinivas Bommidi	Novi	MI, USA
2109-29	Radio Active	LEGO LEGION	Srinivas Bommidi	Novi	MI, USA
2109-32	3Jokers	LEGO LEGION	Srinivas Bommidi	Novi	MI, USA
2109-33	RP hitters	LEGO LEGION	Srinivas Bommidi	Novi	MI, USA
2178-1	Robonators	Achieve Charter Academy	Rebecca Wolfe	Canton	MI, USA
2209-3	Curiosity	ROBO Desi Group	Hiten Shah	Canton	MI, USA
2243-1	Probably Second Place	Liberty Middle School	Steven Roberts	Ocala	FL, USA
2308-1	ICON Batter	ICON WORLD	JAEHYEONG YOU	Incheon	GYD, Korea
2401-1	Ninja Kitties	Yama Learning Center	Prasuna Muddasani	Naperville	IL, USA
2401-2	Girlbot sisters	Yama Learning Center	Prasuna Muddasani	Naperville	IL, USA
2401-3	Boybots	Yama Learning Center	Prasuna Muddasani	Naperville	IL, USA
2511-1	7th Column	Bethany Christian School	Jonathon Reach	Troy	MI, USA
2580-2	HWSuper Team 2	RFChina-BJFLES	Cuirong Liu	Beijing	BJ, China
2588-2	CC LEGO TEAM TWO	RFChina-CCLEGO	Xiaolong Piao	Beijing	BJ, China
2588-3	CC LEGO TEAM FOUR	RFChina-CCLEGO	Xiaolong Piao	Beijing	BJ, China
2592-1	The A-Team	Master's Academy of Fine Arts	Terrie Fontenot	Brazoria	TX, USA
2603-4	MSCPS3	Munsang College Primary School	WONG SIU YUEN	Hong Kong	Hong Kong
2603-5	MSCPS4	Munsang College Primary School	WONG SIU YUEN	Hong Kong	Hong Kong
2682-2	Bibliobots	Bibliobots	Karie Doughty	Clearwater	FL, USA
2684-1	Robo Stunners	Aarabhi Consulting	Ramgopal Cillanki	Bangalore	KAI, India
2705-4	Simplicity	SMART Labs	Erik Rosvold	Rochester	MI, USA
2737-1	Jammin' Awesome Blockies	JEKS	Steven Sinclair	Aurora	IL, USA
2745-2	V Win Techies	Vybhava Robotics	Shailaja Gadagoju	Hyderabad	TGI, India
2748-2	Peaches Bots	Pearl City Highlands Elementary	Kathy Kawabata	Pearl City	HI, USA
2833-1	DANGER	Divertrobots	Marcy Marrero	Atlatomulco	Mexico
2836-2	Cangzhou Huanghe robot team	RFChina-Cangzhou	RUIMIN LIU	Cangzhou	BJ, China

2839-2	Dongguan Team 2	RFChina-Dongguan Team	YUNPENG DAN	Dongguan	BJ, China
2841-1	Lanzhou Xigu Lego Team 1	RFChina-Lanzhou Xigu Lego	LU ZHANG	Lanzhou	BJ, China
2842-2	Team Hell Angel	RFChina-Shenyang Lego Education	YANG CHEN	Shenyang	BJ, China
2842-3	Team Harry Potter	RFChina-Shenyang Lego Education	YANG CHEN	Shenyang	BJ, China
2881-2	May Newton Force Be With You	HKCCCU Logos Academy	JIN LONG JEROME TAM	Hong Kong	Hong Kong
2897-1	AZTEKBOTS	Garage Enterprise	JESUS GIOVANNI RAMOS GASPAR	Morelos	Mexico
2898-1	TECNOBOTICS ALUX	TECNOBOTICS	Laura HERNANDEZ ESTRADA	Pachuca	Mexico

24 Sr. Game Teams

336-1	Squiddums	Welsh Hills School	Karen Lepper	Granville	OH, USA
887-1	RoboSmartt	Bethany Christian School Robotics Club	Mark Brudnak	Troy	MI, USA
1551-15	NCA Lights	NCA Lights	Fred Brauchler	Northville	MI, USA
1687-3	CRA S211	K-USROBOT	il chang Jung	Ulsan City	GND, Korea
1966-4	Revolution	Trophy Computers & Robotics	Pieter Pretorius	Vanderbijlpark	SA-GA, South Africa
2109-10	Glue	LEGO LEGION	Srinivas Bommidi	Novi	MI, USA
2109-34	Anything Works	LEGO LEGION	Srinivas Bommidi	Novi	MI, USA
2170-5	King's-Edgehill School 5	King's-Edgehill School	DJ DeCoste	Windsor	NS, Canada
2202-1	DRHS Robotics Club	Digby Regional High School	Tim Mollins	Digby	NS, Canada
2383-1	Robats	Horton High School	Neil Burgess	Wolfville	NS, Canada
2518-9	UL-T-MATZ	Dobbs Public School	sreenivasulu H	Coimbatore	KAI, India
2559-1	Unique	R&G Robot	Jong Chae Chung	Seoul	GYD, Korea
2559-2	Heros Never Die	R&G Robot	Jong Chae Chung	Seoul	GYD, Korea
2588-4	CC LEGO TEAM THREE	RFChina-CCLEGO	Xiaolong Piao	Beijing	BJ, China
2606-2	WWT2	Buddhist Wong Wan Tin College	LEUNG KAI FAN	Hong Kong	Hong Kong
2677-1	SPARTAINS	NOVATECH ROBO PVT.LTD	PRAVEEN NADAVINKERI	Bangaluru	KAI, India
2762-3	SENTANAL PRIME	SARASWATHY VIDHYALAYA	Shreedevi Talawar B	Calicut	KAI, India
2766-2	BVM Global-2	KENDRIYA VIDYALAYA	Nikhil Sebastian	Coimbatore	KAI, India
2767-16	Swaggers of Destruction	Trivandrum	Jane Christopher	Coimbatore	KAI, India
2767-19	The Future	Trivandrum	Jane Christopher	Coimbatore	KAI, India
2833-2	CUATLIBOTS	Divertrobots	Marcy Marrero	Atacomulco	Mexico
2880-2	PCMS-7	Pui Ching Middle School	WAI TUNG CHUNG	Hong Kong	Hong Kong
2880-3	PCMS-6	Pui Ching Middle School	WAI TUNG CHUNG	Hong Kong	Hong Kong
2897-4	GARAGE CORPORATION	Garage Enterprise	JESUS GIOVANNI RAMOS GASPAR	Morelos	Mexico

Exhibition & GRAF

Saturday, June 3, 2017, 8:00am ~ 3:10pm
Boca Ciega Room

(18 Jr and 5 Sr Exhibition teams; 6 Jr and 4 Sr GRAF teams, total 23+10=33 teams)

Jr. Chairperson: Katie Bis, Sr. Chairperson: Eleanor L. McCoy Carter, GRAF Chairperson: Elmer Santos

8:00 am	Doors open; Teams may setup team Exhibition tables & floors PCA Judge registration begins	
9:00 am ~ 9:30am	Opening Ceremonies in the Underneath area. Teams are not allowed to stay in the room at this time. Teams will be introduced during the opening ceremonies.	
10:50am	PCA Judge registration ends	
	Exhibition	GRAF (Global Robotics Art Festival)
10:00 am ~ 12:00 pm (Round 1) 2 hours.	Official presentation including robot demo of around 15 Exhibition teams. Max. 4 minutes for each team are given. Judges will ask questions for max. 2 minutes. Senior division with smallest team number will go first. (8 min x 15 teams = 2 hours)	(11:00 am) Official presentation including robot demo of 5 GRAF teams. Max. 4 minutes for each team are given. Judges will ask questions for max. 2 minutes. Senior division with smallest team number will go first. (8 min x 5 teams = 40 min)
	<i>Judges, Secret Judges, PCA Judges and spectators will visit team tables any time during this Round 1. Teams must be ready for demos.</i>	
12:00 ~ 1:10 pm	Lunch Break <ul style="list-style-type: none"> <i>Award Ceremonies 1 (12:10pm ~ 12:45pm) will be held in the Underneath lunch area</i> 	
1:10 – 3:10pm (Round 2) 2 hours	Official presentation including robot demo of the remaining 8 Exhibition teams. Max. 4 minutes for each team are given. Judges will ask questions for max. 2 minutes. (8 min x 8 teams = 64 min)	(1:30 pm) Official presentation including robot demo of 5 remaining GRAF teams. Max. 4 minutes for each team are given. Judges will ask questions for max. 2 minutes. (8 min x 5 teams = 40 min)
	<i>Judges, Secret Judges, PCA Judges and spectators will visit team tables any time during this Round 2. Teams must be ready for demos.</i>	
3:10pm	PCA Judging forms are due	

18 Jr. Exhibition Teams

TeamID	Team Name	Organization	Coach	City	State
1420-1	RoboDocs	Highland Middle School	Robb Colbrunn	Hinckley	OH, USA
1686-1	Seoul Dynamics	Creative Robot Inventions	DAEWON LEE	Seoul	GYD, Korea
1832-2	Equalizer	Norup International School	Sarah Cartwright	Berkley	MI, USA
1899-3	Lego Techs: Explore Space	St Pete Beach Rec Center	Alan Oates	St Pete Beach	FL, USA
1966-5	Brainiacs	Trophy Computers & Robotics	Pieter Pretorius	Vanderbijlpark	SA-GA, South Africa
2212-1	Team S.T.E.A.M.	Canton Charter Academy	Pamela Apap	Canton	MI, USA
2213-1	TechSisters	Canton Charter Academy	Ajay Choudhary	Canton Mi	MI, USA
2582-1	Heat	RFChina-LEXT	Wenbo Li	Beijing	BJ, China
2588-1	CC LEGO TEAM ONE	RFChina-CCLEGO	Xiaolong Piao	Beijing	BJ, China
2589-1	Cyberspace	RFChina-SBKJ	Chong Xie	Beijing	BJ, China
2601-1	RIHK Team E	Robot Institute of Hong Kong	YAU KA CHUN	Hong Kong	Hong Kong
2644-5	Robros	Robros	Anand Jayanthi	Canton	MI, USA
2705-1	The Smart Cookies	SMART Labs	Erik Rosvold	Rochester	MI, USA
2796-2	GC-C.O.F.E.C	Colegio Gimnasio Campestre	Camilo Villalba	Bogota	CO-DC, Colombia
2796-3	GC-Trash	Colegio Gimnasio Campestre	Camilo Villalba	Bogota	CO-DC, Colombia
2806-3	Tapunya	John Hopkins Middle School STEM	Nicole Golden	St. Petersburg	FL, USA
2839-1	Dongguan Team 1	RFChina-Dongguan Team	YUNPENG DAN	Dongguan	BJ, China
2844-1	Xincunxiaoxue	RFChina-Xincun Experiment Primary School	YOU LIANG HONG	Chongqing	BJ, China

5 Sr. Exhibition Teams

1686-2	Flex	Creative Robot Inventions	DAEWON LEE	Seoul	GYD, Korea
1966-1	JomoSoco	Trophy Computers & Robotics	Pieter Pretorius	Vanderbijlpark	SA-GA, South Africa
2796-1	GC-AirBot	Colegio Gimnasio Campestre	Camilo Villalba	Bogota	CO-DC, Colombia
2873-1	DACA	ROTEC HK LIMITED	SU JUNG JUNG	Hong Kong	Hong Kong
2874-1	Heung To 04	Heung To Middle School (Tin Shui Wai)	FU YUEN CHUNG	Hong Kong	Hong Kong

6 Jr. GRAF RoboArts Teams

421-2	MS002	Dong-Jak Center KOREA	KYUNGSEOL LEE	Seoul	Korea
1686-6	Laboratory	Creative Robot Inventions	DAEWON LEE	Seoul	Korea
2401-6	Girl Power	Yama Learning Center	Prasuna Muddasani	Naperville	IL, USA
2573-1	Helping Education	RFChina-ZXJY	Youjun Chen	Beijing	BJ, China
2583-3	Shanghai Team One	RFChina-China Shanghai Team	Weiqing He	Shanghai	SHG, China
2737-3	Jammin' Awesome Blockies	JEKs	Steven Sinclair	Aurora	IL, USA

4 Sr. GRAF RoboArts Teams

2559-6	Nerf This	R&G Robot	Jong Chae Chung	Seoul	Korea
2878-2	TNK(HK)No.1	PLK Tong Nai Kan Junior Secondary College	CHUN HIN KWOK	Hong Kong	Hong Kong
2879-2	TNK(HK)No.2	PLK Tong Nai Kan Junior Secondary College	YIU MAN LI	Hong Kong	Hong Kong
2881-3	STEAM Powered	HKCCCU Logos Academy	JIN LONG JEROME TAM	Hong Kong	Hong Kong

Wanted: PCA (People's Choice Awards) Judges

Registered Robofest spectators will decide People's Choice Awards (PCA) for RoboParade, Exhibition, and GRAF/RoboArts categories. PCA Judges may win raffle prizes such as Google Homes. Drawing will be held on Sat, June 3 around 3:40pm. A Judge should be 10 and up. Drawing will be held on Sat. June 3 around 3:40pm, in the Underneath area. You must be present to win the following raffle prizes.

ROBOFEST PCA Voter Raffle Prizes



Octopus Kite



16" Robofest Beach Ball



Official Robofest T-shirts

Two Google Homes



Water Gun Toy



Robofest Nail Clippers

Robofest First Aid Kit





Vision Centric Challenge: Traversing a binary tree

Saturday, June 3, 2017, 8:00am ~ 3:10pm
Raymond Room

8:00 am	Doors open; Practice field is setup. Teams may begin testing.	
9:00 am ~ 9:30am	Opening Ceremonies in the Underneath area. Teams are not allowed to stay in the room at this time. Teams will be introduced during the opening ceremonies.	
	College (4 teams)	High-school - Senior (8 teams)
9:30am	Sample course 1 is unveiled	Sample course 1 is unveiled
9:30am ~ 10:00am	30 min worktime before impounding	
10:10am	End of impounding	
10:10 am ~ 10:50 am (Round 1)	Each robot has 2 minutes. (4min x 4 teams = 16 minutes)	Each robot has 2 minutes. (4 min x 8 teams = 32 min)
10:50am	Sample course 2 is unveiled	Sample course 2 is unveiled
10:50am ~ 11:20am	30 min worktime before impounding	
11:30am	End of impounding	
11:30am ~ 12:10 pm (Round 2)	Each robot has 2 minutes. (4min x 4 teams = 16 minutes)	Each robot has 2 minutes. (4 min x 8 teams = 32 min)
12:10 ~ 1:10 pm	Lunch Break <ul style="list-style-type: none"> <i>Award Ceremonies 1 (12:10pm ~ 12:45pm) for Video Qualifier, Drawing, RoboParade, WISER, RoboHit Surprise, UMC, BottleSumo, and Team Photo will be held in the Underneath lunch area</i> 	
1:10pm	Sample course 3 is unveiled	Sample course 3 is unveiled
1:10pm ~ 1:40pm	30 min worktime before impounding	
1:50pm	End of impounding	
1:50pm ~ 2:30 pm (Round 3)	Each robot has 2 minutes. (4min x 4 = 16 minutes)	Each robot has 2 minutes. (4 min x 8 teams = 32 min)

Let it see. In order to promote research & development on computer vision and autonomous mobile robotics, we challenge college students (undergraduate and graduate students), as well as talented high school students with the Vision Robot Competitions during Robofest!

College Vcc Teams

TeamID	TeamName	OrgName	Coach First_Last	TeamCity	OrgState
234-1	LY	LTU	CJ Chung	Southfield	MI, USA
1259-1	RoboCruisers	RoboCruisers	Wei Liu	Canton	MI, USA
2308-2	ICON Ironhide	ICON WORLD	JAEHYEONG YOU	Incheon	GYD, Korea
2595-1	Linker	Hanyang University - HYMEC	JEAKWEON HAN	Ansan	GYD, Korea

Sr. Vcc Teams

421-1	MS001	Dong-Jak Center KOREA	KYUNGSEOL LEE	Seoul	Korea
2308-3	ICON Wall-E	ICON WORLD	JAEHYEONG YOU	Incheon	GYD, Korea
2308-4	Icon Eve	ICON WORLD	JAEHYEONG YOU	Incheon	GYD, Korea
2578-1	LNSSY	RFChina-Liaoning Shiyuan High School	Bing Wei	Shenyang	BJ, China
2630-2	RoboSTEAMers	RoboSTEAMers	Wei Liu	Canton	MI, USA
2864-1	RIHK Team A	Robot Institute of Hong Kong	TING KWOK CHAN	Hong Kong	Hong Kong
2874-2	Heung To 09	Heung To Middle School (Tin Shui Wai)	FU YUEN CHUNG	Hong Kong	Hong Kong
2895-1	T.A.C.O.S.	Divertrobots	Rodrigo Rodriguez	Toluca	Mexico

Robofest World Championship Chairpersons

	Category	Chairperson	Assistant Chairs	# Judges
Thursday	Drawing Contest	Scott Howard	Katie Bis	4
Friday	RoboParade	Fred Miller	Chris Parker, Elmer Santos, JoAnne Howard	4
	WISER	Sibrina Collins		0
	Surprise Game	Chris Cartwright	Chris Parker	2
	UMC	David Carbery	Elmer Santos	8
	Jr. BottleSumo	Elmer Santos	Chris Parker	8
	Sr. BottleSumo	David Carbery	Katie Bis	4
Saturday	Game	Chris Cartwright	David Carbery, Nakisha Gray, Sharlene Christensen	10
	Jr. Exhibition	Katie Bis	Chris Parker	5
	Sr. Exhibition	Eleanor McCoy	Katie Bis	5
	College Vcc	Elmer Santos		1
	Sr. Vcc	Elmer Santos		1
	GRAF	Katie Bis	Sibrina Collins	5

St. Pete Beach Robofest World Championship Organizing Committee

- Emma Alaba, Director & Host Organizer of Robofest in Florida. Computer Learning Center
- Jennifer McMahon, CPRP, Recreation Director, City of St. Pete Beach, Florida

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A very sincere thank you to all of our Robofest 2017 Sponsors featured above and especially City of St. Pete Beach, Emma Alaba and Jennifer McMahon. 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.

**Lawrence
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Computer Science**

Thanks for being an important part of Robofest 2017!

See you in Michigan in 2018.

World Robofest 2017 Schedule at a glance *(tentative, updated May 27)*

DATE	TIME	Gymnasium	Underneath	Raymond room	Boca Ciega room
Thursday - June 1	8:30am ~	Setup begins	Setup begins		
	10am - 5pm	Game and BottleSumo practice area open.	Open to participants (teams can practice)	Drawing contest setup & Judge meeting (1:30~4pm) Robot Drawing Contest	(1pm ~ 4pm) RoboParade setup & Judges meeting
	5:30pm ~	Welcome Get Together @ Upham Beach. No RSVP needed. Concessions available			
Friday - June 2	8:30am - 11:30am	Game, BottleSumo Practice areas are open	Teams can practice	WISER 1	RoboParade
	11:30am-12:30pm		Polytech U. demo. Lunch for WISER*	UMC Setup & Judges meeting	
	12:30 - 4:00pm	(1pm~) Surprise Challenge for Game Teams(*2)	Teams can practice	WISER 2	JR. & SR. UMC (Unknown Mission Challenge)
	4:00 ~ 4:30pm	BottleSumo Setup & Judge Training			
	4:30-5:00pm				
	5:00-8:30pm	Jr & Sr BottleSumo	Pizza dinner (*3)	Vcc setup, Judge training & team practice	Exhibition & GRAF teams begin setup; Judges meeting
	8:30-9pm		(7pm ~) Game Judge training		
	8:30-9pm	Game Setup			
Saturday - June 3	8:00am	Game Judge meeting	Team Check In	Vcc Judge meeting	Exhibition & GRAF Judge meeting
	9:00 - 9:30am		Opening Ceremonies		
	9:30am - 3:45pm	Game	Live Stream Viewing & Concession Area (12:10~12:45pm) Award Ceremonies 1 (*4)	Vcc	Exhibition & GRAF teams
			Live Stream Viewing & Concession Area		
3:50-4:30pm		Closing & Award Ceremonies 2			

(*) Free only for WISER presenters

(*2) Optional. Only for official Game teams. Just show up at 12:30pm to participate

(*3) Free for everyone (teams, volunteers, parents, etc.), sponsored by LTU Robofest

(*4) Video Qualifier, Drawing, RoboParade, WISER, RoboHit Surprise, UMC, BottleSumo, and Team Photo