



ROBOBOAT TEAM TIME

Monday, June 9, 2022 | 7:00 PM Eastern Daylight Time



A Day at the Carnival



Nathan Benderson Park
Sarasota, Florida, USA
June 20-25, 2022



Welcome 2022 RoboBoat Community!



ROBOBOAT TEAM TIME



GET
STARTED



1

Edit your name to "Name | Team Name"

2

Let us know in the chat:

Did you pack extra parts?? If yes, which parts?



Team Handbook V3.0 Released

AGENDA

[19:05-19:10] Welcome & Announcements

[19:10-19:20] Design Presentations & Schedule

[19:20-19:25] Awards Overview

[19:25-19:35] Competition Schedule

[19:35-20:00] Venue & On-Site Protocols

[19:45-20:00] Vehicle Transit, Deployment & Recovery



**11 Days
to
A Day at the
Carnival**

RoboBoat 2022



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June 20 – 25, 2022





RoboBoat 2022

Pre-Event Submissions

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Design Documentation Evaluations Underway!

- Thank you, Teams, for your submissions!
- Thank you, Judges, for time and feedback!
- Judging and scoring are almost complete:
 - Technical Design Report
 - Competition Strategy Video
 - Website
- Review of the online Demonstration Videos are almost complete. No scoring.





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Design Presentations

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Design Presentations





RoboBoat 2022

Design Presentations



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Preparing for your DESIGN PRESENTATIONS

- 30-minute time slots (in-person & online teams)
 - Team presentation (20 min.)
 - Judges Q&A (5 min.)
 - Judges' inspection of vehicle (5 min.)
- May include visual aids (e.g., PowerPoint or poster)
- Team schedule available but subject to change
- Sessions recorded and provided to Teams post-competition



RoboBoat 2022

Design Presentations



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Preparing for your DESIGN PRESENTATIONS



In-Person Teams

- Bring your own device and an HDMI adaptor for any slide presentations.
- Backup: bring your presentation on a USB flash drive.



Online Teams

- Login 10-15 minutes early.
- Be sure to check your internet connectivity in advance.





RoboBoat 2022

Presentation Schedule

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Presentation Schedule



1. Download the BAND app.
2. Schedule and updates will be posted daily on RoboBoat BAND.

Hop on the RoboBoat Band(wagon)!

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PRESENTATION SCHEDULE

Tuesday, June 21

9:30 AM	<i>Design Documentation Judges' Orientation</i>
11:00 AM	Universitas Gadjah Mada – <i>Online</i>
11:30 AM	University of Michigan – <i>In-Person</i>
12:00 PM	<i>Lunch</i>
1:00 PM	Politeknik Negeri Batam – <i>Online</i>
1:30 PM	Military Technical College – <i>In-Person</i>
2:00 PM	AGH University of Science and Technology – <i>In-Person</i>
2:30 PM	<i>Break</i>
3:00 PM	South Dakota Mines – <i>Online</i>
3:30 PM	Alexandria University/AASTMT – <i>In-Person</i>

Wednesday, June 22

9:00 AM	<i>Judges Start Time</i>
9:30 AM	Diponegoro University – <i>Online</i>
10:00 AM	Edirne Gençlik Merkezi Deneyp Türkiye Atölyesi – <i>In-Person</i>
10:30 AM	<i>Break</i>
11:00 AM	Bannari Amman Institute of Technology – <i>Online</i>
11:30 AM	Tel Aviv University – <i>In-Person</i>
12:00 PM	<i>Lunch</i>
1:00 PM	Hagerty High School – <i>In-Person</i>
1:30 PM	Cornell University – <i>Online</i>
2:00 PM	<i>Autonomy Challenge Course Judges' Training</i>

Thursday, June 23

9:00 AM	<i>Judges Start Time</i>
9:30 AM	Universitas Sebelas Maret – <i>Online</i>
10:00 AM	Istanbul Technical University – <i>In-Person</i>
10:30 AM	<i>Break</i>
11:00 AM	Institut Teknologi Sepuluh Nopember – <i>In-Person</i>
11:30 AM	Massachusetts Institute of Technology – <i>In-Person</i>
12:00 PM	<i>Lunch</i>
1:00 PM	Instituto Tecnológico y de Estudios Superiores de Monterrey – <i>Online</i>
1:30 PM	Robotics Association of Embry-Riddle – <i>In-Person</i>





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Awards



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Awards

- **Design Documentation**
 - Website
 - Technical Design Report
 - Competition Strategy Video
- **Autonomy Challenge Final Standings**
 - Teams are awarded prize money reflective of their overall ranking after scores are calculated.
- **Judges' Special Awards**
 - Throughout the competition, judges and staff are always on the lookout for exemplary behavior from teams to acknowledge with special awards.





RoboBoat 2022

Competition Schedule

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Competition Schedule



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Competition Schedule



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DATE	TIME	EVENT	LOCATION
Sunday, June 19	All Day	Team Travel Day & Hotel Check-in	
	2:00 pm – 4:00 pm	Team Check-in	NBP – MEET
	9:00 pm – 2:00 am	Overnight Pool Testing	Hyatt Place
Monday, June 20	7:30 am – 7:30 pm	Facility Open to Teams	NBP
	8:00 am – 9:00 am	Team Orientation / Coffee / Donuts	NBP – MEET
	9:00 am – 12:00 pm	Safety Inspections & Autonomy Challenge Practice	NBP – Competition Courses
	12:00 pm – 1:00 pm	Break / Lunch	NBP – MEET
	1:00 pm – 5:30 pm	Safety Inspections & Autonomy Challenge Practice	NBP – Competition Courses
	6:00 pm – 6:30 pm	Daily Team Meeting (<i>Mandatory: 1 team representative</i>)	NBP – Team Village
	9:00 pm – 2:00 am	Overnight Pool Testing	Hyatt Place
Tuesday, June 21	7:30 am – 7:30 pm	Facility Open to Teams	NBP
	8:00 am – 12:00 pm	Autonomy Challenge Practice & Qualifying	NBP – Competition Courses
	11:00 am – 4:00 pm	Design Presentations & Team Photographs	NBP – Finish Tower
	12:00 pm – 1:00 pm	Break / Lunch	
	12:00 pm – 12:30 pm	Tech Talk	NBP – MEET
	1:00 pm – 6:00 pm	Autonomy Challenge Practice & Qualifying	NBP – Competition Courses
	6:00 pm – 6:30 pm	Daily Team Meeting (<i>Mandatory: 1 team representative</i>)	NBP – Team Village
9:00 pm – 2:00 am	Overnight Pool Testing	Hyatt Place	
Wednesday, June 22	7:30 am – 7:30 pm	Facility Open to Teams	NBP
	8:00 am – 12:00 pm	Autonomy Challenge Practice & Qualifying	NBP – Competition Courses
	9:00 am – 2:00 pm	Design Presentations & Team Photographs	NBP – Finish Tower
	12:00 pm – 1:00 pm	Break / Lunch	
	12:00 pm – 12:30 pm	Tech Talk	NBP – MEET
	1:00 pm – 6:00 pm	Autonomy Challenge Practice & Qualifying	NBP – Competition Courses
	6:00 pm – 6:30 pm	Daily Team Meeting (<i>Mandatory: 1 team representative</i>)	NBP – Team Village





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Competition Schedule

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DATE	TIME	EVENT	LOCATION
Thursday, June 23	7:30 am – 7:30 pm	Facility Open to Teams	NBP
	8:00 am – 12:00 pm	Autonomy Challenge Semi-Finals	NBP – Competition Courses
	9:00 am – 2:00 pm	Design Presentations & Team Photographs	NBP – Finish Tower
	10:00 am – 2:00 pm	Media Day	NBP
	12:00 pm – 1:00 pm	Break / Lunch	
	12:00 pm – 12:30 pm	Tech Talk	NBP – MEET
	1:00 pm – 6:00 pm	Autonomy Challenge Semi-Finals	NBP – Competition Courses
	6:00 pm – 6:30 pm	Daily Team Meeting (<i>Mandatory: 1 team representative</i>)	NBP - Team Village
	9:00 pm – 2:00 am	Overnight Pool Testing	Hyatt Place
Friday, June 24	7:30 am – 7:30 pm	Facility Open to Teams	NBP
	8:00 am – 12:00 pm	Autonomy Challenge Semi-Finals	NBP – Competition Courses
	10:00 am – 3:00 pm	RoboNation’s STEM Demo	NBP – MEET
	12:00 pm – 1:00 pm	Break / Lunch	
	1:00 pm – 6:00 pm	Autonomy Challenge Semi-Finals	NBP – Competition Courses
	6:00 pm – 6:30 pm	Daily Team Meeting (<i>Mandatory: 1 team representative</i>)	NBP - Team Village
	9:00 pm – 2:00 am	Overnight Pool Testing	Hyatt Place
Saturday, June 25	7:30 am – 7:30 pm	Facility Open to Teams	NBP
	8:00 am – 12:00 pm	Qualifying Overflow Runs / Last Chance Qualifications	NBP – Competition Courses
	10:00 am – 3:00 pm	RoboNation’s STEM Demo	NBP – MEET
	12:00 pm – 1:00 pm	Break / Lunch	
	1:00 pm – 5:00 pm	Autonomy Challenge Finals & Livestream	NBP – Competition Courses
	7:30 pm – 10:00 pm	Awards	<i>To Be Announced</i>

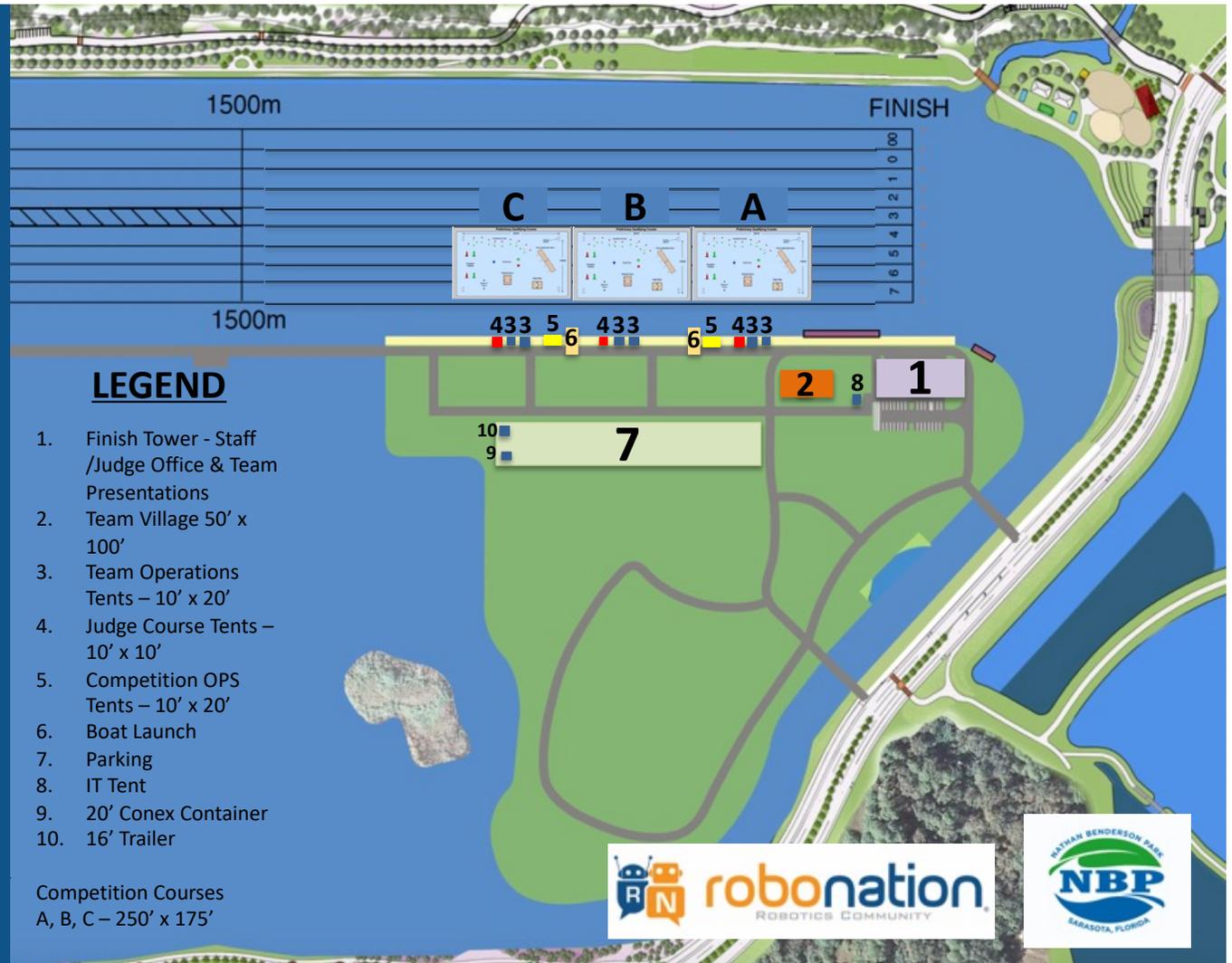




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VENUE

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RoboBoat 2022

VENUE

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Team Village



Relaxing in
Team Lounge



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COVID-19 Protocols



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COVID-19 Protocols



1. Download BAND app.
2. Daily COVID-19 health screening reminder on BAND.
 - Complete Google Form
3. Participants with positive test result not allowed on site. Teams must follow submitted COVID-19 Plan.

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Safety Protocols



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Safety Protocols

1. Always – SAFETY FIRST!
2. Team Orientation Video available on Wednesday, June 15th
3. On-Site Orientation on Monday, June 20th
4. Safety Inspections
5. Battery Safety Requirements
6. Kill Switch (Emergency Stop) Requirements





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Vehicle Transit



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Vehicle Transit

1. Teams must provide a cart to move the vehicle around the competition site.
2. Refer to section 5.4.4 in the Team Handbook, page 31 (Version 3).



Figure 14: Example Vehicle Carts



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Vehicle Deployment & Recovery



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Vehicle Deployment & Recovery

1. Vehicles are deployed and recovered in the water on their cart, using a portable rollout mat.
2. RoboBoat staff responsible for recovering any lost vehicles. All reasonable efforts to recover a lost vehicle will be made, but recovery cannot be guaranteed.

Vehicle Deployment & Recovery



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Vehicle Deployment
& Recovery



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RoboBoat 2022

Important Dates



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Important Dates

Hotel Cancellation or Change

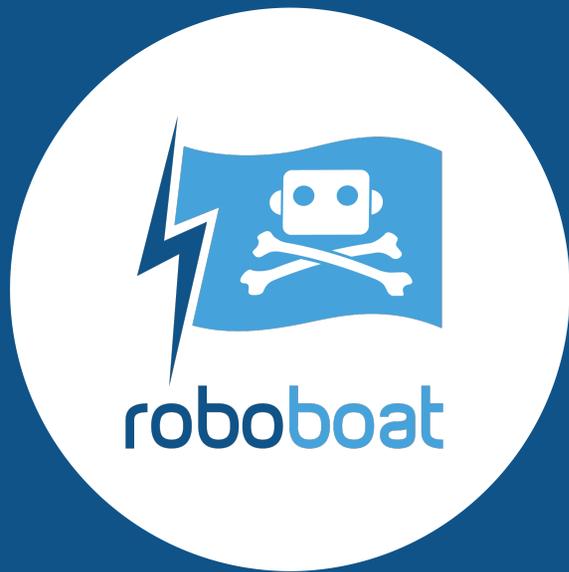
- **Full Refund:** 72 hours prior to reservation arrival date.
- **One night charge:** One night penalty will be charged if cancellation is within 72 hours of reservation check-in date.

Event Cancellations & Refunds

- **50% Refund, May 16 – June 20:** Cancellations submitted between May 16 and June 20, 2022, will receive 50% refund of registration fee paid.

For more details: roboboat.org/cancellation-policy





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RoboBoat TeamTime Meeting

- NO MORE 2022 TEAMTIME MEETINGS!
- This is it, folks. That's all she wrote.

Band App for all the Updates

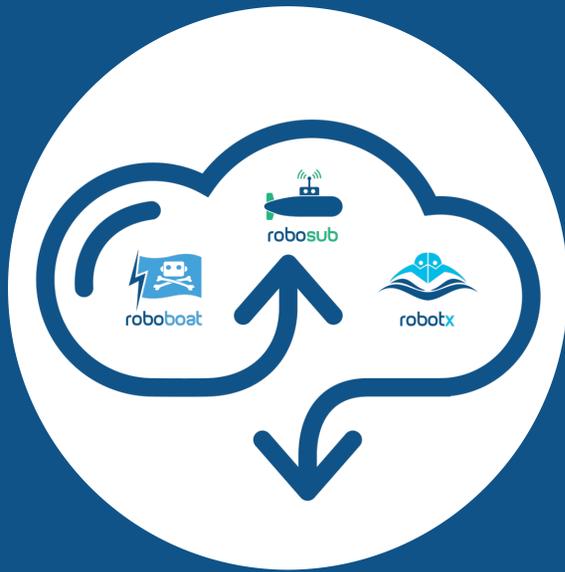


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Data Sharing

 roboboast.org/data-sharing

What is Data Sharing?



Centralized Repository



Community Driven



Competition
focused

Vision
Acoustics
Mechanical Designs
Electrical Designs



DATA FOR ALL
TEAMS



LARGE DOMAIN
OF DATASETS



BETTER PLATFORM
FOR NEW TEAMS



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Got Questions?





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**Let the
Carnival Begin!**

Good Luck, Teams!!

We'll see you in 11 days!





robonation



seaperch



seaglide



gosense



roboboat



robosub



robotx



RoboNation is a 501c3 nonprofit organization whose mission is to provide a pathway of hands-on educational experiences that empower students to find innovative solutions to global challenges. Working together with the industry, research and educators, we have grown to include over nine student competitions and programs and engage more than 250,000 students per year.

For more information contact university-competitions@robonation.org