



SCAN ME





2024
ROBOBOAT
• SARASOTA, FL •



EDUCATION LEVEL

UNIVERSITY & HIGH SCHOOL

WHAT IS ROBONATION?

RoboNation, a nonprofit organization, is on a mission to provide hands-on robotics education, empowering students to tackle global challenges. With a portfolio of nine educational programs spanning K-12 and university levels, RoboNation cultivates the next generation of engineers, manufacturers, fabricators, programmers, and more. Participants in RoboNation programs represent the highly-skilled workforce of tomorrow. Learn more at robonation.org.

 **roboboat**
PRESENTED BY  **robonation**

? WHAT IS ROBOBOAT? ———

RoboBoat is an international competition where students design, build, and compete with self-driving robotic boats, known as ASVs, in a series of tests aimed at challenging teams through a variety of autonomous (self-driving) tasks.

👤 STUDENTS ———

19 TEAMS

8 COUNTRIES REPRESENTED

8 ASV TASKS

🎯 COMPETITION ———

Dive into the 17th annual RoboBoat Competition at Nathan Benderson Park, Sarasota, Florida! The competition is being held from February 5-11, 2024. This year's theme, Ducks Overboard pays tribute to the 1992 maritime spill known as the Friendly Floatees incident, inspiring real-world tasks that blend innovation with a touch of history. Join us for a weekend of cutting-edge technology and friendly competition, as we navigate the waters of autonomous maritime exploration! Learn more about the competition by visiting roboboat.org

⚙️ TASKS ———

- Task 1 – Navigation Channel
- Task 2 – Follow the Path
- Task 3 – Docking
- Task 4 – Duck Wash
- Task 5 – Speed Challenge
- Task 6 – Collection Octagon
- Task 7 – Delivery Octagon
- Task 8 – Return to Home

👥 WHY PARTICIPATE? ———

- Increase technical proficiency
- Establish valuable professional connections
- Enjoy the satisfaction of learning and collaborating while advancing the technology of ASV systems.