



UPCOMING WORKSHOP

SeaGlide Hawaii Kickoff

Wednesday, October 18, 2017

What is SeaGlide®?

SeaGlide® is a new educational autonomous underwater vehicle (AUV) powered by an Arduino microcontroller. Students can devise a challenge, design a solution and test their theories with this affordable kit. SeaGlide® is an open-source tool to educate the next generation about how autonomy can be used to improve their local environment and build skills in robotics.

Why You Should Attend

Our hope is to partner with you - local educators, trainers and industries - to enhance the sustainable pathway for Hawaii students from basic STEM through workforce readiness. Robotics and autonomy are on the cutting-edge of technology that crosses nearly all industries. SeaGlide® is an exploratory platform that compliments the robust STEM network in Hawaii and provides students a tool to increase their potential.

RSVP to Janelle Curtis at curtis@auvsifoundation.org



robonation.org/seaglide





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SeaGlide Hawaii Kickoff

October 18, 2017 | 9:00am – 4:00pm HST

Honolulu Community College



Agenda

9:00am – 12:30pm

Introductions

- Aloha, My Name Is ____. Who are the mainland folks? What is RoboNation?

Meet SeaGlide®

- What is SeaGlide®? What can it do? Why are gliders important? How does SeaGlide® fit into the bigger picture of autonomous technology?

Dip a toe

- Hands-on exploratory session. Anatomy of a SeaGlide®. See the “guts”. Install wings and ballast a glider then “fly” it in a pool.

12:30 – 1:30

LUNCH (provided)

1:30pm – 4:00pm

Deeper Dive

- Learn more about SeaGlide’s technical capabilities. Discuss future potential.
- Advanced applications. Open ocean. Data collection. Competitions.

I’m hooked!

- Bringing SeaGlide® Local. Why we want your partnership. What is your role? Explore pathway to program that resonates with local students and useful in Hawaii classrooms.

Next steps

- Build it. Teach it. Online resources.
- Sign up for the full workshop Spring/Summer 2018.

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