

TECHNOLOGY IN MARINE SCIENCE: ROV BUILDING

Dates: July 28 to August 1, 2019

Type: K-12 Educator

City: Dauphin Island, Alabama

State: Alabama

Organizer: Dauphin Island Sea Lab

Registration Deadline: 04-Jun-19

Description:

Are you a middle or high school teacher or informal educator looking to add STEM activities or include robotics in your classroom? Join us to learn all about underwater robots or ROVs (remotely operated vehicles), and how ROVs are used to explore, research, and work in ocean waters. In this multi-day workshop, we'll spend time aboard DISL's research vessels and see a research ROV in operation and talk with scientists who use ROVs in their research. We'll build a fully functional PufferFish ROV from the circuit board up step by step and explore several relevant classroom activities that can get your students building, learning and developing skills. Given the complexity of the building task, we heartily suggest that teachers wanting to participate bring a partner teacher with them. Cost: \$100 registration fee, refundable upon completion of the workshop (workshop tuition, meals, and housing are FREE) Participants are required to purchase their own ROV kit (one per pair) prior to the workshop. We will be working with the MATE Pufferfish ROV Kit (Rev 7). Teachers can also receive \$50 off the MATE Underwater Robotics textbook.

Please email DHPWorkshops@disl.org or call (251) 861-2141 x7515 with any questions. If the workshop is canceled due to low enrollment, all deposits will be refunded.