



2005 MATE Center/MTS ROV Committee ROV Competition for High School & College Students

www.marinetech.org/rov_competition/index.php



(Date and location TBD)



Teams from across the U.S. and Canada are registering to participate in the fourth annual remotely operated vehicle (ROV) competition being organized by the **Marine Advanced Technology Education (MATE) Center** and the **Marine Technology Society's (MTS) ROV Committee**. The goals of the competition are to highlight ocean-related activities and career opportunities; promote the development of technical, problem-solving, critical thinking, communication, and teamwork skills; and connect students with employers and working professionals – and vice versa.

This year the MATE Center and the MTS ROV Committee have teamed up with the Neutral Buoyancy Laboratory at NASA's Johnson Space Center Sonny Carter Training Facility to challenge students with mission tasks that take them from the depths of the oceans to the far reaches of outer space. Students from high schools, home schools, community colleges, and universities will be designing and building ROVs (aka underwater robots) to explore Europa, one of the moons of Jupiter believed to have an ocean of water beneath its icy surface, or to compete in "underwater Olympic" events that range from installing a new instrument module on the Hubble space telescope to capping an old oil well and repairing a telecommunications cable.

The MATE Center and the MTS ROV Committee are challenging **YOU** to get involved in this exciting learning experience by helping to sponsor the students from your area who are planning to compete. Teams are working with a budget of \$100 to build their ROVs, but are permitted to seek outside donations of money, equipment, supplies, and access to facilities. In addition, team members will need funds to support their travel, room, and board during the event.

In exchange for your contribution, the MATE Center and the MTS ROV Committee will recognize you as an ROV competition sponsor and include your company's name and logo on the competition materials. These materials include advertisements placed in industry journals such as *Sea Technology*, *Ocean News & Technology*, and *UnderWater Magazine* and posters that will be on display at competition venue during the event. Please see the enclosed ROV competition brochure for other sponsor benefits, as well as a list of the organizations that helped to support the 2004 event.

Thank you for your time and consideration. Please feel free to contact me if you have any questions or visit www.marinetech.org/rov_competition/index.php.

Sincerely,

Jill Zande
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