



SCHOOL OF OCEAN AND EARTH
SCIENCE AND TECHNOLOGY
UNIVERSITY OF HAWAII AT MĀNOA

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The Push and Pull of Marine Technology

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POST 723

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12:00 - 1:00 pm Seminar

Abstract

The evolution of marine technology is characterized by a balance of “requirements pull” and “capabilities push”. The most obvious driver for scientific/engineering advancement is the need for enhanced performance, in terms of cost, efficiency and safety. To this end, the traditional maritime industries and applications (e.g. oil and gas exploration, commercial fishing, marine transport, etc.) have fostered improvements in a range of areas such as dynamic positioning, acoustic sensors, imaging techniques, and data management. In parallel, seemingly disparate technological communities are providing innovative opportunities for exploitation in marine applications. Examples include advanced materials, genetic probes, and compressive sensing. Coupled with developments of a “New Blue Economy”, and the role of technological disruptions, we have an exciting era for defining the trajectory of marine technology.

Light refreshments will be served - bring your own cup

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