



Ship-based Robotics

An Enabling Technology for Manned and Autonomous Vessels

Thursday 26 September 2019

Tremough Innovation Centre, University Campus, Penryn (near Falmouth)

This event is FREE to attend, but booking is essential.

Register on [Eventbrite](#) or contact peter@stlres.co

Discover more about ship-based robotics and their application to manned and autonomous vessels at this free joint event organised by the Southwest Chapter of The Society for Underwater Technology (SUT) and Submarine Technology Limited (STL).

SUT is a multi-disciplinary learned society bringing together organisations and individuals with an interest in underwater technology, ocean science, and offshore engineering.

STL is a research consultancy, design, and development group, specialising in the sub-sea and offshore industries. Recently, STL's development of ship-based robotic technology has been supported by the European Regional Development Fund through the Marine-I programme in Cornwall.

Personnel from STL and the University of Plymouth will present results from the R&D programme together with naval architecture studies and market research findings. The application of robotics to marine operations and its role as an enabling technology for autonomous surface vessels will be explored.



Agenda

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| 09:30 Welcome, refreshments, networking | 12:20 Market Research |
| 10:00 Introduction by SUT and STL | 12:40 Q&A discussion |
| 10:15 Overview of the ship-based robotics R&D programme | 13:00 <i>Lunch</i> |
| 10:30 Test facilities for ship-based robotics | 13:40 Autonomous vessels and robotics |
| 10:50 Robotic arm design | 14:00 Autonomous systems |
| 11:10 Control system design | 14:20 Autonomous marine applications |
| 11:40 <i>Coffee break</i> | 14:40 Final Q&A discussion by SUT and STL |
| 12:00 Naval Architecture Studies | 15:00 <i>Close</i> |

NB the Agenda above is subject to change