



26th September 2019

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

Ship-based Robotics – An Enabling Technology for Manned and Autonomous Vessels

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.

- 09:30 Welcome, refreshments, networking
- 10:00 Introduction by SUT and STL
- 10:15 Autonomous vessels and robotics
- 10:35 Overview of the ship-based robotics R&D programme
- 10:50 Test facilities for ship-based robotics
- 11:10 Robotic arm design
- 11:30 Control System Design

12.00 - 12.20 Coffee break

- 12:20 Naval Architecture Studies
- 12:40 Q&A discussion

13.00 - 13.40 Lunch

- 13:40 Market Research
- 14:00 Autonomous systems
- 14:20 Autonomous marine applications
- 14:40 Final Q&A discussion by SUT and STL
- 15:00 Close

NB the Agenda above is subject to change

To register and reserve your place at this event, please email peter@stlres.co