

# The Underwater World from Shipwrecks to Robotics

*Free enrichment day of activities and talks for  
AS Science students at the Mary Rose Museum*



**Wednesday 29 June 2011 10:00-15:00**



**Motivate students in science with an enrichment day based on real life marine science and engineering. An exciting opportunity for students to find out about a range of careers from experts in the field through a mixture of talks and practical activities.**

## **Students will:**

- **Use a remotely operated underwater vehicle**
- **Study live marine animals in our teaching lab**
- **Find out about the physics of diving**
- **Use a datalogger in the mast pond**
- **Gain useful knowledge and experience for personal statements**

*'It definitely made me think about going into this field of study'  
Student*

*'We could never offer activities like these in college'  
Teacher*

**Places are FREE but limited. To register your interest contact us.  
Please note: we are unable to accept unaccompanied students**



**Contact:**  
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## PROGRAMME

- 10:00 Arrival and Registration at Mary Rose Museum
- 10:15 Welcome & Introduction to the day
- 10:30 Lecture 1: Key note address, *The Marine Environment*, Professor Ralph Rayner, London School of Economics
- 11:05 Activity 1: Marine Biology—study live marine animals, Jenny Mallinson, University of Southampton
- 11:40 Lecture 2: *From Racing Yachts to Renewable Energy*, Dr Rachel Nicholls-Lee, University of Southampton
- 12.15 Lunch break
- 13:00 Activity 2: Investigating the marine environment using dataloggers, Terry Sloane, Planet Ocean Ltd
- 13:35 Lecture 3: *Diving under pressure*, Christopher Dobbs, The Mary Rose Trust
- 14:10 Activity 3: Robotics— underwater remotely operated vehicles Saab Seaeye Ltd
- 14.45 Q & A session / Evaluation
- 15:00 Depart

Opportunity to visit the Mary Rose Museum at the end of the programme (optional)