

www.southampton.ac.uk/scienceweek
festival@southampton.ac.uk

UNIVERSITY OF
Southampton

Explore and
discover more.
**Southampton
Science &
Engineering Festival**

**Science and
Engineering Day**

University of Southampton
Highfield Campus SO17 1BJ

Saturday 14 March 2015

10:30am to 4:30pm

Ocean and Earth Day

in conjunction with
National Oceanography Centre
Waterfront Campus, European Way
SO14 3ZH (through Dock Gate 4)

Saturday 25 April 2015

10:30am to 4:00pm



**National
Oceanography Centre**
NATURAL ENVIRONMENT RESEARCH COUNCIL

Free admission
Bring the whole family

[www.southampton.ac.uk/
scienceweek](http://www.southampton.ac.uk/scienceweek)



Other events happening during the festival period

Date	Event
Wednesday 18 March 5:00pm-9:00pm	BBC Stargazing Live, Physics Building, University of Southampton http://www.astro.soton.ac.uk/~s.jones/bbcstargazing.html or follow @SotonAstrodome on twitter for updates
Wednesday 18 March 5:30pm - 7:00pm	Researchers' Cafe www.southampton.ac.uk/researcherscafe
Wednesday 18 March 1:00pm onwards	The Campbell Lecture from the Women in Science, Engineering and Technology (WiSET) group www.wiset.soton.ac.uk



Please note:
Children under 14 must be
accompanied by an adult.



Science and Engineering Day

Saturday 14 March | 10:30am-4:30pm (last admission 4:00pm)

Science and Engineering play a crucial role in our lives. The University of Southampton undertakes world-leading science and engineering research and teaching which contribute to understanding in a wide range of areas, including global communications, sustainable energy, medicine and more.

We would like to invite you to see what underpins these world-changing developments at our Science and Engineering Day. There are tours, shows and hands-on activities, so everyone can experience science and engineering across a whole range of subjects.

Tours

RJ Mitchell wind tunnel, fibre-pulling towers, railway research, acoustic chambers

Shows

Southampton Astrodome, the Light Express Laser Show, Accelerate! Show and Ian B Dunne's Science Magic... Magic Science

Activities

Over 50 different activities to choose from!

Everyone welcome! Many activities are suited to all ages, while others are perfect for primary and/or secondary age children.

It's free! Just turn up. Refreshments available in university outlets.

Free car parking available on campus (see the website for more details)

Come and explore and discover more!



Winner of the National Science and Engineering Week Best STEM institution event 2014

Ocean and Earth Day

Saturday 25 April | 10:30am-4:00pm (last admission 3:30pm)

The ocean covers almost three quarters of the earth's surface, and yet so much about it is unknown. In fact, so little of the deep ocean floor has been explored in detail that we know more about the surface of the moon! Scientists and engineers based at the National Oceanography Centre in Southampton are working to better understand this fascinating and remote environment.

Ocean & Earth Day is a fantastic opportunity to discover how research is carried out and see some of the amazing work undertaken at the centre. There will be lots to see and get involved in for all ages. Should you need a break, the centre's waterfront cafeteria will be open and you will be able to enjoy a unique view over the busy port from our observation windows.

2014 / 2015 has been an incredible year for earth and ocean science and we are pleased to be able to bring new and exciting exhibits for this year's event, as well as the firm favourites from previous years. Our work on the development of ocean going robots has received lots of media

coverage this year and we're pleased to be able to have some of the vehicles on display, you can also have a go at driving a mini Remotely Operated Vehicle (ROV), see how we are using 3D printing and laser cutting to create and develop parts for these specialist vehicles. There will also be fossil plaster cast making, panning for gold and marine animals from our research aquarium that you'll be surprised to find come from UK waters. There will also be a marine fossil talk, where you can ask questions about the giant marine reptiles that swam close to the shores of the south coast millions of years ago.

This is just a taste of what will be in store at Ocean & Earth Day 2015. Further information of exhibits and how to get involved will be available via www.noc.ac.uk

This event is completely free and we also have a free park and ride service from the Highfield campus. Those who come on foot, by cycle or public transport will be entered into a prize draw.

Please note:
Children under 14 must be
accompanied by an adult.

