



Science 2007

Saturday 12 May 2007 10.30 – 17.00
 Science Museum, Exhibition Road, London SW7 2DD
 Presented by [The Open University](#) in association with
 the Science Museum in London

An excellent opportunity to find out about current issues in Science in the inspiring surroundings of the Science Museum.

11.00 – The Life and death of stars and galaxies

We are all made of star stuff! In this talk you will see how stars and galaxies are born, live their lives and die. During a star's lifetime it builds different elements from the building blocks of hydrogen and helium, and at the end of its life even more elements are formed and thrown into space, where they're incorporated into future generations of stars. Illustrated throughout with stunning images from the Hubble Space Telescope, this talk will explore the Universe and our place in it.

Dr Andrew Norton, Senior Lecturer in Physics & Astronomy, The Open University

12.00 and 14.00 – StarDome Planetarium

A unique opportunity to see the UK's premier mobile planetarium, your window on the universe bringing the wonders of the cosmos to you! There will be two sessions during the day. Numbers will be limited so please book a place now.

13.00 – The Magic of Oxygen

The Magic of Oxygen is all about the weird and wonderful properties of atoms and molecules, and one of the most important molecules oxygen. You can expect a few flashes and bangs along the way as some explosive mixtures are conjured up as Mike and Rob entertain you with a light-hearted look at the work of scientists such as Boyle, Newton and Priestley, and recreate some of their experiments in unusual ways.

Dr Mike Batham and Dr Rob Janes, Chemistry Dept, The Open University



14.00 – Tomorrow's weather

Weather has an enormous effect on our lives. What makes weather happen - what makes it change? How come the laws of science are not enough to tame the elements - In spite of all our knowledge and experience, why it is still a tricky thing to forecast? This talk will look at some of the complexities of weather forecasting and also at Martian meteorology, studied using computer models and recent spacecraft observations.

Prof. Nick Braithwaite and Dr Stephen Lewis, Dept of Physics & Astronomy, The Open University

15.00 – CSI London

Forensic science, science used in law, is about the interpretation and evaluation of evidence. Television and a climate of fear from crime and criminals have combined to produce ever-increasing expectations from science in the investigation and prosecution of crime. This talk will take an entertaining and informative look at the science of crime – and perhaps some of the crimes of science. This talk is not suitable for those under 18 years of age.

Prof. Allan Jamieson, Director of the Forensic Institute

ADVICE AREA

Open University advisers will be available throughout the day to answer your queries and provide advice about choosing Open University courses. (Advice will be available on all Open University subjects).

2 for 1 tickets at the Science Museum!

Take advantage of this special OU offer and receive 2 tickets for the price of 1 to BOTH *The Science of Spying* exhibition and the IMAX 3D Cinema at the Science Museum! For the ultimate cinematic experience catch a mind-blowing immersive 3D film on a screen taller than four double-decker buses... Or train to be a spy in an interactive family exhibition which explores the skills and technology used by real spies from code-breaking to lie-detection. Do you have what it takes to complete the mission and save the day?

Simply present this voucher at any Science Museum sales desk to redeem.

Terms & Conditions

1. This voucher entitles the bearer to 2 tickets for the price of 1 for both the IMAX 3D Cinema and *The Science of Spying* exhibition at the Science Museum. Cheapest ticket is free.
2. Only one redemption per transaction.
3. Valid until 2 September 2007.
4. Cannot be used in conjunction with any other discount including family tickets.
5. Refunds will not be given for vouchers not presented at time of transaction.
6. Non-transferable and non-exchangeable.
7. No cash alternative.
8. Subject to availability.

To register for the talks please make your way to the Open University reception desk. You will find this outside The Theatre in the Energy Hall on the ground floor.

Owing to the anticipated popularity of the talks we would suggest you book your place by returning the reply slip below. You will receive an acknowledgement which you will need to bring along on the day.



Please reserve the following places for me:

- 11.00 The life and death of stars and galaxies
- 12.00 StarDome Planetarium
- 13.00 The Magic of Oxygen
- 14.00 Tomorrow's weather
- 14.00 StarDome Planetarium
- 15.00 CSI London

Name: _____ Student Identifier (if you have one): _____

Address: _____

Please return to: Ray Wheeler, The Open University in London, 1 – 11 Hawley Crescent, Camden Town, London NW1 8NP, tel: 020 7556 6184, email: R01-outreach-promotions@open.ac.uk