



Dr Chris Smith

Chris Smith is a doctor a clinical lecturer in virology at Cambridge University and a Naked Scientist. Chris hosts his Naked Scientists radio show, podcast and website and makes weekly appearances on ABC Radio National, Australia, and on BBC Radio Five Live. Chris also fronts the Royal Society of Chemistry's Chemistry World podcast, and presents the Nature podcast for the journal *Nature*. In 2006 Chris published his first book, *Naked Science*.

Chris will deliver an energetic and exciting presentation – *Stripping down Science* – to inspire his audience about Science. Promising an engaging presentation for all, the aim of the Naked Scientists is to “help students enjoy science as much as we do and, at the same time, have fun”.



Jeff Forshaw

Jeff Forshaw became Professor Jeff at the age of 36, having achieved a 1st from Oxford in 1989 and a PhD in Theoretical Physics at Manchester in 1992 where he is currently Professor of Particle Physics and Scientific Associate at CERN. An accomplished presenter Professor Jeff captivates audiences with his explanations of the beautiful, but often complex, ideas behind the laws of nature to a general audience. The author of over 100 scientific papers, Professor Jeff has also written a popular science book, *Why does $E=mc^2$?* His television and radio credits include appearances on BBC Breakfast TV, BBC Five Live, Equinox, and Horizon.

Jeff will be presenting a seminar entitled *From Einstein to the Large Hadron Collider* – which will consider how Einstein's ideas underpin the whole of modern physics. Jeff will take a pedagogical route to $E=mc^2$ and talk about the Large Hadron Collidor (LHC) and how this relates to the current theories on the origins of mass.



Wendy Sadler

Wendy Sadler is the Director of *science made simple* and has over ten years experience of working in science communication. Her experience includes seven years working as an Education Manager at Techinquest, and another year as the Schools lecturer for the Institute of Physics. In addition she has written numerous books for children and presented science on BBC and ITV Wales.

In 2004 she was awarded the WISE Excellence award for promoting science to girls and women and the Welsh Woman of the Year award for Science and Technology. In 2005 she won the Young Professional Physicist of the Year award from the Institute of Physics.

Wendy is a great advocate of the importance of science education. She will be looking at the challenge of engaging students with physics when many feel the topics are irrelevant. Wendy will pick up the theme of making difficult concepts more visual, and thereby promote interest, learning and enjoyment across the ability range. Practical strategies for practical problems.



Stephanie Sinclair

Stephanie is a Project Manager in the education team at the Wellcome Trust producing resources to promote contemporary science in the curriculum and to support teachers deliver high-quality stimulating biomedical science education. Stephanie is passionate about science and supports local schools delivering STEM (Science, Technology, Engineering and Maths) activities and has previously worked in the Young People's Programme at the British Science Association and at the Centre for Life Science Centre.

Stephanie will be talking about some of the Wellcome Trust education team's free resources for schools such as the *Big Picture* which is a magazine and website looking at issues in biomedicine, and *Survival Rivals*, a set of practical experiments exploring some of Darwin's greatest theories.



Simon Gulliver

Simon Gulliver is a horticulturist, plant taxonomist and adult education teacher. He has a wide and varied background having trained at Pershore College, RHS Wisley and Royal Botanical Gardens Edinburgh where he achieved his Masters in Biodiversity and Plant Taxonomy. Simon is interested in horticultural education and is responsible for the Botanical Horticulture Studentship at Birmingham Botanical Gardens.

Simon will be conducting a seminar – *Connecting people with plants: Exploring biodiversity through the KS4 Science syllabus* – which emphasises the link with the botanical gardens but also discusses syllabus changes that are encouraging schools and sixth form colleges to begin to access Botanical Gardens as practical venues to discuss and debate the biodiversity issue.