



Professor Elliot Meyerowitz

WLT 26 Jan

How Plants Grow: New Principles of Development from Live Imaging and Computational Modelling

Plants grow from meristems, collections of stem cells found at the apical tip of shoots, and at the base of each root. Join us to learn how scientists use a variety of techniques to study this growth.

Dr Martin Hanczyc

WLT 31 Jan

What Can a Simple Oil Droplet Teach Us About Life?

Oil droplets exhibit some of the characteristics of life and studying them could help our attempts to create artificial life. Join us to find out how.

Professor Sir John Pendry

WLT 07 Feb

The Science of Invisibility

Learn how metamaterials allow us to do seemingly impossible things, such as making things invisible and beating the diffraction limit.

Sir Greg Winter

WLT 14 Feb

The Antibody Revolution: Turning Inventions Into Medicines & Companies

In recent years therapeutic antibodies have been displacing small molecule drugs as blockbuster pharmaceuticals. Learn how this revolution started and where it may lead.

Professor Shankar Balasubramanian

WLT 21 Feb

Decoding Genomes at High Speed

Scientists can now accurately decode human genome sequences at an unprecedented speed and cost. Prof Balasubramanian will discuss the origins of this technological revolution, and present a vision for how it may shape medicine over the next 20 years.

Professor David Nutt

WLT 23 Feb

Science and Non-science in UK Drug and Alcohol Policy

Prof Nutt shall present analyses that compare the harms of drugs using new methodology and challenge many of the current misconceptions about drugs and how to deal with them.

Professor Simon Baron-Cohen

WLT 28 Feb

Zero Degrees of Empathy

Learn how people with autism and psychopaths show opposite empathy profiles, and how the discovery that there may be 'genes for empathy' implies that it may be the result of evolution.

WLT talks start at 18:15



Professor Sir Michael Atiyah

WLT

06 Mar

The Apprenticeship of a Scientist

What is research? How does one start? What are the crucial choices? Prof Atiyah will address such issues based on his personal experiences and may start a discussion forum.

Dr Jason Chin

Plant Sciences (19:00, not 18:15)

08 Mar

Reprogramming the Genetic Code

In this talk held in conjunction with BioSoc, Dr Chin will discuss the invention and synthetic evolution of new orthogonal translational components to address the major challenges in re-writing the central dogma of biology and the application of the approaches developed for incorporating unnatural amino acids into proteins.

Professor David Tong

WLT

13 Mar

TBC

Prof Tong is Professor of Theoretical Physics at DAMTP. His research interests include string theory, cosmology, solitons and QFT.

TCSS Symposium 2012

Sunday 11 March, WLT

The Trinity College Science Society Symposium and Dinner is a unique event spanning an entire day of talks by Trinity students. At the end of Lent term every year, current students of Trinity College present their research and findings to their peers in a friendly, informal environment.

The Symposium will also feature invited speakers of great distinction; last year they were Professor Lord Martin Rees of Ludlow, Master of Trinity College, Professor Sir David Baulcombe, Regius Professor of Botany, and Professor Brian Josephson, Nobel Laureate. This year's speakers will be announced nearer the date.

After the symposium, the annual TCSS Dinner will be held in the Old Kitchens, Trinity College. The dinner includes wine.

To sign up, visit our website.

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WLT talks start at 18:15