Here is the line-up for term 2!

**Thursday May 9**

**VCE Unit 2 study 2, Unit 4 study 3.2**

Dr WayneRolands is a Senior lecturer and research supervisor at Swinburne University of Technology. His research is in the field of Atomic Optics and Ultrafast Spectroscopy. His research concentrates on the production of practical devices based on photonics research. This young researcher is well qualified to broaden your knowledge of the many applications of photonics in the current technological age, and which feature in the VCE study design.

**Thursday May 23**

**VCE units 1 & 2 study 3**

Dr Geoff Hudson, is an inventor, and sometime guest on the ABC science program “Ockham’s Razor”. He will address energy issues such as cost, finite recourses, and possible species extinction. He will discuss the possibilities and dangers associated with generating electricity from “clathrates” (burning ice). You will learn the answers to questions: “What is the difference between LPG and LNG?” “Which makes more CO2: a light globe switched on overnight, or a car travelling one kilometre?” A novel and relevant lecture is anticipated.

**Thursday June 6**

**VCE Unit 3, det. study 3.1**

Prof. David Jamieson heads the School of Physics, and directs the Victorian node of the Centre for Quantum-Computer Technology. In the Einstein International Year of Physics, 2005, as president of the Australian Institute of Physics, he gave the centenary lecture on Special Relativity. There is no doubt that you will find the lecture fascinating and informative, and your understanding of the often counterintuitive concepts of this theory, will be much enhanced.

**Thursday June 20**

**VCE Unit 1, study 2, Unit 4, study 1**

Dr. Jeff McCallum is a senior lecturer in the School of Physics at the University of Melbourne. He is manager of the ARC Centre of Excellence for quantum-computer technology, and director of the micro-analytical Research centre in this School. He has extensive experience in ion-beam analysis. He professionally knows all about electricity, and will clarify the concepts for students undertaking this VCE study.

All lectures are at 6 pm in the Laby Theatre of the School of Physics.