



**Australian Institute of Physics
NSW Branch (April Public Talk)**

**“That'll never work in my classroom: Web
2.0 in Physics Education”**

Dr Chris Stewart

University of Sydney

Tuesday 27th April 2010 @ 7.00PM

At the

Slade Lecture Theatre, School of Physics, University of Sydney

Public talk arranged by: The Australian Institute of Physics (NSW Branch)

Entrance is FREE

Summary of talk:

Last year the NSW government began distributing over 200,000 'netbook' computers to high school students and teachers as part of the 'Digital Education Revolution'. Computers have been in classrooms for a long time, but now every student, regardless of family income, will have their own laptop for use in and out of school. Teachers are scrambling to figure out how best to use — and control — this technology. One thing is for certain: students are using computers and the web more and more in their daily lives, and expecting modern IT to play more of a role in their studies. An important question for university educators is: what, if anything, do we need to do to prepare for the influx of netbook-toting, facebook-posting, wiki-reading, life-tweeting students? And, as will any 'next big thing' in technology, can it actually live up to the promise of making things easier for teachers as well as more valuable for students?

Through an ALTC-funded project, we are investigating how 'Web 2.0' — from facebook and twitter to blogs, wikis, podcasts and youtube — is being used in university science education across Australia and New Zealand. In this AIP session I will present our findings to date and explore with you the reasons why these technologies just won't work in your physics classrooms.





Brief Biography of the Speaker:

Chris Stewart is a physicist, science communicator and education researcher. For the last decade he has worked in science education and outreach, from researching the effects of major changes to the physics HSC on student attitudes and understanding when they reach university, to running the non-profit organisation behind the prestigious Australian Science Olympiads. Currently Chris is working with Science Communication colleagues across Australia and New Zealand on the use of new web technologies in science education —

which gives him a great excuse to play with lots of toys.



Detailed Schedule for Tuesday, 27th April 2010:

- 5.30-6.30 pm **LECTURE by Dr Donald Lang.**
- 6:35-7.00 pm **REFRESHMENTS, Slade Lecture Theatre.**
- 7.00-8.00 pm **LECTURE by Dr Chris Stewart.**
- 8.15 pm **DINNER with the Speakers at Buon Gusto (Italian), 368 Abercrombie Street, Chippendale.**
E-mail Dr Fred Osman (fred_osman@exemail.com.au) if you will be able to join us for dinner.

Travel Directions:

- Train to Redfern station and walk to the **School of Physics.**
- Buses 422, 423, 426, 428, 448, and 450 from Circular Quay to City Road / King, or 412, 435, 438, 470, 483 etc. along Parramatta Road from Circular Quay.
- Drive and park in various parking lots. You will need to pay for parking (**\$6 flat-rate after 4 pm**) and display the ticket in your car. You may also find parking places on public roads outside the Uni.

Event sponsored by:



***The Australian Institute of Physics – NSW Branch
& The University of Sydney.***

