

Joint Electrical Engineering Institutions' Lecture Program, 2009

## WHAT DO WE REALLY KNOW ABOUT CLIMATE CHANGE?

**Prof. STEVEN SHERWOOD – PROFESSOR OF ATMOSPHERIC PHYSICS,  
CLIMATE CHANGE RESEARCH CENTRE, UNSW.**

DATE/ TIME: **Thursday 22<sup>nd</sup> OCTOBER 2009** 5:30 for 6:00pm Start

VENUE: Engineers Australia Auditorium,  
Ground Floor, 8, Thomas Street, Chatswood

RSVP: Please click here to [Register Online](#)  
Numbers are limited.

We are all well aware that the climate is changing in a big way, due to a combination of natural and man made causes. Those of us of a technical or scientific persuasion are very puzzled by some of the confusion and hype, much of which seems so illogical. Given that there is solid evidence of the natural changes, and still rather cloudy estimates of how much influence man made emissions are having, is it a serious issue or not? Given the time our governments are giving to the mundane issue of paying for the alleviation of the inevitable, it doesn't seem too urgent. However, Al Gore's much publicized argument for immediate remedial action, suggests we should have a firm timetable by now for turning off coal power stations, and building houses for refugees from the Pacific Islands, and Bangladesh. Why aren't we doing that? Carbon Dioxide Sequestration? If urgent why is this project not on a war footing. ? ..and so on.

These and many other questions will be answered with authority, by one of Australia's leading scientists in the field, Steven Sherwood, working in the Climate Change Research Centre, at the University of New South Wales. Steven will distinguish between fact and fiction, between logical timetables and hype and speculation. He will give a fairly short paper leaving ample time for questions. By reviewing the history of the science, the current status and what still has to be achieved, we will be in better position to understand and propagate the truth of climate change.

Steven Sherwood is a native of California, born there in 1965, and now well imbedded in Sydney with a family. He started in applied physics, but then found climate to be the most interesting application of physics, while still a student at the University of California, and changed course. His degrees reflect this, starting with his BS in Physics at MIT in 1987, his MS Eng in Physics and Fluid Mechanics at UCSD in 1989, and his PhD at the Scripps Institution of Oceanography in 1995. The Climate Change Research Centre comprises one of the most advanced group of researchers in the world on this subject, and Steven's is in one of the most significant areas, researching how the processes in the atmosphere establish climate, and might be expected to control climate changes.

**NOTE:** Attendance may be credited towards Engineers Australia's Continuing Professional Development (CPD) points. Engineers Australia members are required to undertake a minimum of 150 hours CPD every three (3) years & are responsible for recording CPD for audit.

For further information, please contact

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