



IEEE 1884-2009: Has 125 Years of technology innovation created a better world or just a more complicated one ?

Tuesday, 30 June 2009, 5:30 - 7:30pm

State Library of Victoria

Village Roadshow Theatrette, Entry 3, La Trobe Street

Invitation:

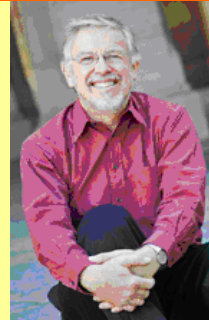
The IEEE would like to invite you to a special celebration event marking its 125th anniversary. This will be a panel session with three prominent speakers debating technology, innovation and history. Engineering has been the force by which ideas and dreams have been able to be realised. From the ancient scientific discoveries to the International Space Station, from an Electromagnetic mystery in Faraday's days to modern cellular mobile networks and FTTH systems, recent progress over the last 125 years has been quick in terms of overall human existence. But how have we adapted to recent changes and how have we used technology ?

The event is free and open to all. Registration is requested for catering purposes. For further information, please contact: Irena Atov (i.atov@ieee.org), Craig Skinner (c.a.skinner@ieee.org) or Greg Adamson (g.adamson@ieee.org) or visit www.ieeevic.org

Panel Program:

Time / Day	Tuesday, 30th June 2009
5.30 - 6.00	Refreshments
6.00 - 7.30	<p>IEEE 1884-2009: Has 125 Years of technology innovation created a better world or just a more complicated one ?</p> <p>Moderator: Prof. Ian Burnett (RMIT University)</p> <p>Panellists: Prof. Rod Tucker (University of Melbourne) Prof. Jean Armstrong (Monash University) Gavan McCarthy (Australian Science and Technology Heritage Centre)</p>

Speaker Biographies:



Professor Rod Tucker is a Laureate Professor at the University of Melbourne. He is Research Director at the ARC Special Research Centre for Ultra-Broadband Information Networks (CUBIN). He is a Fellow of the Institute of Electrical and Electronics Engineers (IEEE) and numerous other distinguished societies His recent research interest have included optical packet-switched networks, energy consumption and the green Internet. In 1997 he was awarded the Australia Prize, Australia's premier international award for science and technology, for his contributions to telecommunications.



Dr Jean Armstrong is Professor in the Department of Electrical and Computer Systems Engineering (ECSE) at Monash University and serves as a Research Director in ECSE. Most of her recent research in Digital Communications has been on Orthogonal Frequency Division Multiplexing (OFDM). For this work she received the highly prestigious Peter Doherty Award for Innovation at Commercialization Expo 2006. She is a Fellow of the Institute of Engineers Australia (FIE Aust), Senior Member of Institution of Electrical Engineers (MIEE) and Member of Institute of Electrical and Electronic Engineers (MIEEE).



Gavan McCarthy is Director of the Scholarship Research Centre (ESRC) at the University of Melbourne. The Centre was formed out of the Australian Science and Technology Heritage Centre and has a focus on the history and archives of Australian science and technology. Gavan also holds the position of Senior Research Fellow there. His research includes the conceptualisation and testing of innovative technologies to support scholarly research information infrastructure. From 2002 to 2007 he was a consultant to the International Atomic Energy Agency on long term management of information & archives of radioactive waste.

Moderator:



Ian Burnett is Professor and Head of School of Electrical and Computer Engineering at RMIT University. His personal research interests are in multimedia processing and delivery, speech and audio coding, 3-D spatial audio, and extraction of media semantics. Ian has been an active participant in international standardisation in media technology as part of MPEG, the Moving Pictures Expert Group (who gave us MP3s, DVD video, Digital TV) and was the Australian Head of Delegation to MPEG from 2003 until 2008. He is a Senior Member of the Institution of Electrical and Electronic Engineers