

# secau 2011 SECURITY CONGRESS

**Monday 5 December, 2011**

8:30	<b>Registration</b>			
9:00	<b>Welcome</b> (room - Cabaret I)			
9:15	<b>Official Opening - Professor Craig Valli</b> (room - Cabaret I)			
9:30	<b>Keynote Address - Professor Joe Cannataci</b> (room - Cabaret I) 'Walking the Tightrope'			
10:30	<b>MORNING TEA</b> (Encore Restaurant)			
<b>Room</b>	<b>Chorus Line</b>	<b>Cotton Club</b>	<b>Cabaret II</b>	<b>Cabaret I</b>
	<b>Human Security</b> <b>Chair: Jeff Corkill</b>	<b>Digital Forensics</b> <b>Chair: Ken Fowle</b>	<b>Critical Infrastructure</b> <b>Chair:</b>	<b>Information Security</b> <b>Chair:</b>
11:00	A Poisoned Apple? The Use of Secret Evidence and Secret Hearings to Combat Terrorism in Australia <b>Michael Crowley</b>	A 2011 Investigation into Remnant Data on Second Hand Memory Cards Sold in Australia <b>Patryk Szewczyk, Krishnun Sansurooah</b>	A Strategy to Articulate the Facility Management Knowledge Categories Within the Built Environment <b>Robert Doleman, Dave Brooks</b>	Source Code Embedded (SCEM) Security Framework <b>Tanveer Zia, Aftab Rizvi</b>
11:30	Gleaning Insight from Absence: Intelligence Tradecraft Lessons from Finding Bin Laden <b>John Deniston</b>	Data Remanence in New Zealand: 2011 <b>Dax Roberts, H.B. Wolfe</b>	Intelligent Buildings: An Investigation into Current and Future Security Vulnerabilities in Automated Building Systems using an Applied Defeat Methodology <b>Dave Brooks</b>	Out-of-band Wormhole Attack Detection in MANETs <b>Sana ul Haq, Faisal Hussain</b>
12:00	The Australian Immigration Black Hole: A Radical Problem <b>Joe Ducie, Alan Davies, Scott Eadie</b>	Organisational Preparedness for Hosted Virtual Desktops in the Context of Digital Forensics <b>Nirbhay Jawale, Ajit Narayanan</b>	Personalised Responses to Vigilance Demands and Their Management <b>Fiona Donald, Craig Donald</b>	Modelling Misuse Cases as a means of Capturing Security Requirements <b>Mike Johnstone</b>
12:30	<b>LUNCH</b> (Encore Restaurant)			
13:30	<b>Panel Discussion -</b>			
<b>Room</b>	<b>Chorus Line</b>	<b>Cotton Club</b>	<b>Cabaret II</b>	<b>Cabaret I</b>
	<b>Human Security</b> <b>Chair: David Cook</b>	<b>Digital Forensics</b> <b>Chair:</b>	<b>Critical Infrastructure</b> <b>Chair:</b>	<b>Information Security</b> <b>Chair:</b>
14:30	Indonesia's De-radicalization Program: Reformation on the Penitentiary System <b>Milda Istiqomah</b>	Tracing Sources of DOS and DDOS Attack: Evidential Recovery <b>Brian Cusack</b>	Mapping the Organizational Relations within Physical Security's Body of Knowledge: A Management Heuristic of Sound Theory and Best Practice <b>Michael Coole, Dave Brooks</b>	Stakeholders in Security Policy Development <b>Sean Maynard, Anthonie Ruighaver, Atif Ahmad</b>
15:00	Finance, Fear and Family: Issues of Trust and the Common Group with Terrorist Funding <b>David Cook, Tim Smith</b>	An Evaluation of Data Erasing Tools <b>Thomas Martin, Andy Jones</b>	Intelligence Analysis and Threat Assessment: Towards a More Comprehensive Model of Threat <b>Charles Vandeeper</b>	

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15:30	AFTERNOON TEA ( <i>Encore Restaurant</i> )			
Room	Chorus Line	Cotton Club	Cabaret II	Cabaret I
	<b>Human Security</b> Chair: <b>David Cook</b>	<b>Digital Forensics</b> Chair:	<b>Critical Infrastructure</b> Chair:	<b>Information Security</b> Chair:
16:00	Bin Laden's Formation of the Self: A Comparative Analysis <b>Robyn Torok</b> ( <i>virtual presentation</i> )	Systems Architecture For The Acquisition And Preservation Of Wireless Network Traffic <b>Thomas Laurenson, Brian Cusack</b>	Case Studies: A Security Science Research Methodology <b>Bill Bailey</b>	Human-Related Information Security Problems Faced by British Companies in Economically Rising Countries <b>Suchintha Fernando, Tatsuo Asai</b>
16:30	Resilience in Singapore - Building a Whole of Government Response <b>Charles Ng</b>	Can Current Packet Analysis Software Detect BitTorrent Activity or Extract Files from BTP and $\mu$ TP Traffic Streams? <b>William Pung, Andrew Woodward</b>	Wi-Fi Security: Wireless with Confidence <b>Damien Hutchinson, Lucas Jacob, Jemal Abawajy</b>	An Investigation into Darknets and the Content Available via Anonymous Peer to Peer Sharing <b>Symon Aked</b>
17:30 - 19:30	<b>Welcome Reception</b> <b>West End Bar, Citigate Hotel, Perth</b>			

## secau 2011 SECURITY CONGRESS

**Tuesday 6 December, 2011**

9:00	<b>Keynote Address - Professor Martin Evison</b> (Room - Cabaret I) <i>'Recognition is Not Identification and It Matters'</i>			
<b>Room</b>	<b>Chorus Line</b>	<b>Cotton Club</b>	<b>Cabaret II</b>	<b>Cabaret I</b>
	<b>Information Security</b> Chair:	<b>Digital Forensics</b> Chair: Christopher Bolan	<b>Critical Infrastructure</b> Chair:	<b>Information Security/eHealth</b> Chair:
10:00	An Empirical Study of Challenges in Managing the Security in Cloud Computing <b>Tanveer Zia, Bhupesh Mansukhani</b>	Information Leakage through Second Hand USB Flash Drives within the United Kingdom <b>Widya Chaerani, Nathan Clark, Christopher Bolan</b>	Security Risk Management in the Asia Pacific Region: What are Security Professional Using? <b>Hamish Cotton, Dave Brooks</b>	Shaping the Future of eHealth Security in Australia - Developing a National eHealth Security and Access Framework (NESAF) <b>Yvette Lejins &amp; John Leitch</b>
10:30	<b>MORNING TEA</b> (Encore Restaurant)			
<b>Room</b>	<b>Chorus Line</b>	<b>Cotton Club</b>	<b>Cabaret II</b>	<b>Cabaret I</b>
	<b>Information Security</b> Chair:	<b>Digital Forensics</b> Chair:	<b>Critical Infrastructure</b> Chair: Jeff Corkill	<b>Information Security/eHealth</b> Chair: Ken Fowle
11:00	An Agile IT Security Model for Project Risk Assessment <b>Damien Hutchinson, Jason Wells, Heath Maddern</b>	Forensic Investigation Method and Tool Based on the User Behaviour Analysis <b>Namheun Son, Sangjin Lee</b>	Information Evaluation: How One Group of Intelligence Analysts go About the Task <b>John Joseph, Jeff Corkill</b>	Help or Hindrance: The Practicality of Applying Security Standards in Healthcare <b>Trish Williams</b>
11:30	Privacy-Preserving PKI Design Based on Group Signatures <b>Sokjoon Lee, Hyeok Chan Kwon, Dong-il Seo</b>	Component Technologies for E-Discovery and Prototyping of Suite-Coping System <b>Youngsoo Kim, Dowon Hong</b>	Programmable Logic Controller Based Fibre Bragg Grating In-ground Intrusion Detection System <b>Gary Allwood, Graham Wild, Steven Hinckley</b>	Trusted Interoperability and the Patient Safety Issues of Parasitic Healthcare Software <b>Vince McCauley</b>
12:00	Evaluation of Users' Perspective on Voip's Security Vulnerabilities <b>Alireza Heravi, Sameera Mubarak</b>	Visualising Forensic Data: Investigation to Court <b>Ken Fowle, Damian Schofield</b>		Understanding the Management of Information Security Controls in Practice <b>Daniel Bachlechner, Ronald Maier, Frank Innerhofer-Oberperfler, Lukas Demetz</b>
12:30	<b>LUNCH</b> (Encore Restaurant)			
13:30	<b>Keynote Address - Mr David Bunker</b> (Room - Cabaret I) <i>'National e-Health Security'</i>			
<b>Room</b>	<b>Chorus Line</b>	<b>Cotton Club</b>	<b>Cabaret II</b>	<b>Cabaret I</b>
	<b>Information Security</b> Chair: Christopher Bolan	<b>Digital Forensics</b> Chair:	<b>Information Security</b> Chair:	<b>Information Security/eHealth</b> Chair:
14:30	A Risk Index Model for Security Incident Prioritisation <b>Nor Anuar, Steven Furnell, Maria Papadaki, Nathan Clarke</b>		A Framework for Discretized Anomaly-Based SQL Injection Detection <b>Santhi Thilagam</b>	A New eHealth Paradigm: What is Really Needed in a Changing Healthcare Environment? <b>Judy Evans</b>

15:00 AFTERNOON TEA ( <i>Encore Restaurant</i> )				
Room	Chorus Line	Cotton Club	Cabaret II	Cabaret I
	<b>Human Security</b> <b>Chair:</b>	<b>Digital Forensics</b> <b>Chair:</b>	<b>Information Security</b> <b>Chair: David Cook</b>	<b>Information Security/eHealth</b> <b>Chair:</b>
15:30	Entitativity and Ideology: A Grounded Theory of Disengagement <b>Kira Harris</b>	Forensic Analysis of the Android File System YAFFS2 <b>Mohammed Alzaabi, Darren Quick</b>	Using Checklists to Make Better Best <b>Craig Wright, Tanveer Zia</b>	Australian Primary Care Health Check: Who has Accountability for Information Security? <b>Rachel Mahncke, Trish Williams</b>
16:00	Attack Vectors Against Social Networking Systems: The Facebook Example <b>Matthew Warren, Shona Leitch, Ian Rosewall</b>	Acquisition of Digital Evidence in Android Smartphones <b>Fabio Sicoli, Andre Simao</b>	A CPTED Evaluation of "End of Year" School Leavers at Rottnest Island: Isolation Factors, Social Cohesion and Peer Group Multipliers <b>David Cook, John Letch, John Bell, Ellice McGlinn, Emma Downing</b>	Seeing the Full Picture: The Case for Extending Security Ceremony Analysis <b>Giampaolo Bella, Lizzie Coles-Kemp</b> ( <i>virtual presentation</i> )
18:30 - 22:30	<b>secau Congress Dinner</b> <b>C Restaurant, Level 33, 44 St Georges Terrace, Perth</b>			

# secau 2011 SECURITY CONGRESS

Wednesday 7 December, 2011

9:30	<b>Keynote Address - Mr Nigel Wilson</b> (room Cabaret 1) <i>'Expert Evidence in the Digital Age'</i>			
10:30	<b>MORNING TEA</b> (Encore Restaurant)			
<b>Room</b>	<b>Chorus Line</b>	<b>Cotton Club</b>	<b>Cabaret II</b>	<b>Cabaret I</b>
	<b>Information Warfare</b> <b>Chair:</b>	<b>Digital Forensics</b> <b>Chair:</b>	<b>Critical Infrastructure</b> <b>Chair: Jeff Corkill</b>	<b>Information Security</b> <b>Chair: Christopher Bolan</b>
11:00	A one hour workshop directed by Matthew Warren of Deakin University covering Information Warfare	Forensic Recovery and Analysis of the Artifacts of Crimeware Toolkits <b>Murray Brand</b>	Security Aspects of Sensor-based Defence Systems <b>Mike Johnstone</b>	User Perceptions of End User License Agreements in the Smartphone Environment <b>Hamish Cotton, Christopher Bolan</b>
11:30	Topic : <b>Security Research: The Australian Context</b>	Guidelines for the Digital Forensic Processing of Smartphones <b>Andy Jones, Khawla Alghafli, Thomas Martin</b>	A Longitudinal Study of Wireless Network Access Point Security in the Perth Central Business District <b>Andrew Woodward, Emil Jacobson</b>	Implementation of ISO 27001 in Saudi Arabia- Obstacles, Motivations, Outcomes and Lessons Learned <b>Belal AbuSaad, Fahad Saeed, Khaled Alghathbar, Bilal Khan</b>
12:00	Designing a Knowledge Distribution Simulator <b>Martin Hill, Graham Fletcher</b>	Secure Forensic Investigation of iPhone <b>Ahmad Cheema, Waqas Khan, Fahim Arif</b>	Is There a Core Set of Skills for Visual Analysis Across Different Imaging Technologies <b>Craig Donald</b>	Design and Implementation of Certificateless PKI Using Open Source Tools <b>Vijayarangan Natarajan, Ramanamurthy SV, Tomesh Jain</b>
12:30	<b>LUNCH</b> (Encore Restaurant)			
<b>Room</b>	<b>Chorus Line</b>	<b>Cotton Club</b>	<b>Cabaret II</b>	<b>Cabaret I</b>
	<b>Information Security</b> <b>Chair:</b>	<b>Digital Forensics</b> <b>Chair:</b>	<b>Information Security</b> <b>Chair:</b>	<b>Information Security</b> <b>Chair: Ken Fowle</b>
13:30	Seniors Language Paradigms: 21st Century Jargon and the Impact on Computer Security and Financial Transactions for Senior Citizens <b>David Cook, Patryk Szewczyk, Krishnun Sansurooah</b>	Looking for iPhone Backup Files for Evidence Extraction <b>Clinton Carpena</b>	A Proposal for Utilising Active Jamming for the Defence of RFID Systems Against Attack <b>Christopher Bolan</b>	Analysis of BGP Security Vulnerabilities <b>Muhammed Mujtaba</b>
14:00	Cloud Computing Concerns in Developing Economies <b>Mathias Mujinga, Baldreck Chipangura</b>		Insecurity by Obscurity Continues: Are ADSL Router Manuals Putting End-users at Risk? <b>Patryk Szewczyk, Kim Andersson</b>	Efficient and Expressive Fully Secure Attribute-Based Signature in the Standard Model <b>PiYi Yang, Tanveer Zia, Zhenfu Cao and Xiaolei Dong</b>

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Room	Chorus Line	Cotton Club	Cabaret II	Cabaret I
	<b>Information Security Chair:</b>	<b>Information Security Chair:</b>	<b>Information Security Chair:</b>	<b>Information Security Chair:</b>
14:30	An Exploratory Study of ERM Perception in Oman and Proposing a Maturity Model for Risk Optimization <b>Arun Shivashankrappa, Ramalingam Dharmalingam, Leonid Smalov, Anbazhagan Neelamegam</b>	Are Existing Security Models Suitable for Teleworking? <b>Peter James</b>	A Preliminary Investigation of Distributed and Cooperative User Authentication <b>Chris Hocking, Steven Furnell, Nathan Clarke, Paul Reynolds</b>	Penetration of ZigBee-based Wireless Sensor Networks <b>Mike Johnstone, Jeremy Jarvis</b>
15:00	Official Closing - Professor Craig Valli			
15:20	Afternoon Tea ( <i>Encore Restaurant</i> )			