

Program

28 September 2007				
9:00	Welcome: A/Prof. Priyan Mendis, Convener, Research Network for a Secure Australia			
9:05	Opening Welcome Address: The Hon Professor Glyn Davis, Vice-Chancellor, The University of Melbourne			
9:15	Opening Address: The Hon Philip Ruddock MP, Attorney General The role of academics and industry in developing products and services for national security			
9:40	Lessons from the lab to deployment for security technology Paul Murphy, Manager, Security Consulting, GHD			
10:10	Recent developments in security applications- Wireless sensor networks Prof Rob Evans, University of Melbourne			
10:40	Break			
11:05	The research and development needs of the critical infrastructure sector Mike Rothery, Assistant Secretary, Critical Infrastructure Protection Branch, Attorney-General's Department			
11:30	Workshops addressing these questions: <ol style="list-style-type: none"> 1. What are the key trends in this area? 2. What are the reasons for stopping the technology from being implemented faster? 			
	Workshop 1 Decision support tools for incident management	Workshop 2 Blast modelling and analysis	Workshop 3 Smart surveillance	Workshop 4 Social science
12:30	Lunch			
1:30 - 4:50	Note: Papers are not streamed and delegates can attend any presentation			
	Blast-RF: Software for Analysing Blast Risks for Facades Mr Michael Netherton, The University of Newcastle	A feature based face recognition technique using Zernike Moments Mr V Madasu, QUT	Robust Communications using Wireless Mesh Networks for Safeguarding Water Infrastructures Mr Asad Pirzada, National ICT Australia Limited	Maritime Port Intelligence using AIS data Mr Tele Tan, Curtin University of Technology
	Energy Absorbing Retrofits for Blast Protection of Glass Facades in Office Buildings Dr Alex Remennikov, University of Wollongong	Preparing for post-catastrophe video processing Mr Anton Hengel, University of Adelaide	Length - Based Modelling of HTTP Traffic for Detecting SQL Injection Attacks Mr K Mehdi ISI, QUT	Maritime Terrorism & Risks to the Australian Maritime and Resource Industries Dr Alexey Muraviev, Curtin University of Technology
		EMANZE: A comparative Study on	Practical Crypto-Biometric	Describing asset criticality as an aid for

	<p>Polymeric Coatings for Enhanced Protection of Structures from the Effects of Explosive Blast Ms Kathryn Ackland, DSTO</p>	<p>Emergency Management in Australia, New Zealand and Europe Dr Andreas Meissner, Fraunhoferstrasse</p>	<p>Authentication: What Can a Fuzzy Vault Do? Mr M Hirschbichler, QUT</p>	<p>security risk management Mr Allen Fleckner, Critical Risk Pty Ltd</p>
	<p>Optimized design of one-way RC slabs against blast loads using layered capacity analysis method Dr Chengqing Wu, The University of Adelaide</p>	<p>Intelligent Evacuation Models for Fire and Chemical Hazard Dr D Cornforth, UNSW@ADFA</p>	<p>High assurance communication technologies to support critical infrastructure protection information sharing networks Mr J Reid, QUT</p>	<p>Gen E (Generation Extremist): The significance of youth culture and new media in youth extremism Dr Kara-Jane Lombard, Curtin University of Technology</p>
	<p>An Overview of Pressure-Impulse Diagrams of Structure Components Mr Y Shi, University of Western Australia</p>	<p>Location Based Services in Emergency Management- from Government to Citizens: Global Case Studies Dr Katina Michael, University of Wollongong</p>	<p>Catalogue of Denial of Service Vulnerabilities in Wireless Robust Security Networks Mr Jason Smith, QUT</p>	<p>Robust Face Recognition Technique for Smart Camera Mr Ting Shan, National ICT Australia Limited</p>
	<p>Analysis of Concrete Slab Fragmentation from Blast Damage Dr X Zhou, University of Western Australia</p>	<p>Modelling and Integration of Disaster Situational Reports Mr Sai Sun, National ICT Australia Limited</p>	<p>Managing security effects of WLAN deployments in critical infrastructure control systems Mr R Gill, QUT</p>	<p>Behavioural responses to the terrorism threat: Applications of the Metric of Fear of Terrorism Ms Anne Aly, Edith Cowan University</p>
	<p>Close – Range Mechanical Output of Explosive Charges Mr G Szuladzinski, Analytical Service P/L</p>	<p>Ensuring Continuity of Service in Emergency Situations with 4G Mobile Networks Mr J Ring, QUT</p>	<p>Decision Support Tools for National Security ‘Capacity’ Problems - A Decontamination Case Study Mr Dion Grieger, DSTO</p>	<p>A comparison of media response to recent national security events Mrs H Tootell, University of Wollongong</p>
	<p>Nonlinear Dynamic Analysis of Beam-Column subjected to impact or blast loading Mr H Valipour, UNSW</p>	<p>Forensic Challenges in Service Oriented Architectures Mr A Marrington, QUT</p>	<p>Australian security needs for UAV surveillance Dr S Russell, University of South Australia</p>	<p>Corporate Counter-Terrorism: The Key Role of Business in the War on Terror Mr L Howie, Monash University</p>
	<p>Behaviour and Modelling of Glazing Components Subjected to Full Scale Blast Tests in Woomera Raymond Lumantarna, University of Melbourne</p>	<p>An Automated Face Recognition System for Intelligence Surveillance: Smart Camera Recognizing Faces in the Crowd Mr Yasir Mustafah, UQ</p>	<p>Security Strategies for SCADA Systems Dr J Wang, RMIT University</p>	<p>Evolution of infrared technology for advanced surveillance applications Mr D Ishchenko, Applied Infrared Sensing</p>
5:00	Close			