

DRAFT Program as of 2 February 2004

2004 Engineering Security Networking Forum & Showcase

10 February 2004

Registration form at <http://www.safeguardingaustralia.org.au/2004forum.htm>

Time	Event			
8:00-8:55	Registration			
9:00-9:15	Opening by Bruce Howard, Security Commissioner, Engineers Australia including telecast address by Hon Philip Ruddock MP, Attorney-General telecast address by Robert McClelland MP, Shadow Homeland Security Minister			
9:15-9:35	Science, technology and engineering linkages for critical infrastructure protection Lynn Booth, Science, Technology & Engineering Unit, Department of Prime Minister and Cabinet			
9:40-10:00	Science & technology support of critical infrastructure protection Mike Rothery, Attorney General's Department			
10:00-10:25	Morning tea			
	Stream 1 Chair: Bruce Howard	Stream 2 Chair: Priyan Mendis	Stream 3 Chair:	Stream 4 Chair
10:30-10:45	Security management Comparative analysis Paul Murphy, GHD	Underground Space - Securing the Future of a Nation Alan Robertson	The planning and design of blastproof control rooms Dr. Valdis Svavs VisTek	Data Mining our way to a Safer Australia Dr. Richard Price, DSTO
10:50-11:05	Critical Infrastructure Protection - Putting a Lid on Pandora's Box John Scott, Scott Cromwell	Impact of Terrorism on Building Services & update on ASHRAE conference Ashak Nathwani, NDY	Crime Prevention Through Environmental Design Stephen Stroud, Arup Risk & Security: Australasia	Research Directions and Challenges for a National Information Infrastructure Ed Dawson, Queensland University of Technology
11:10-11:25	Transferring physical security measures from civil industry to the army Julie Green, Defence	Defence protection technologies Dr Stephen Cimpoeu DSTO	Minimising glass risk in explosions with Armorcoat safety film Peter Wotton Bekaert Specialty Films	Intelligent and Complex Systems for Reliable Information Operation Dr. Hussein A. Abbass, ADFA
11:30-11:45	National dependence on navigation satellite positioning and timing signals Don Sinnott Australian GNSS Coordination Committee	Mechanism and Sequence of Core Collapse of the North Tower Of WTC Gregory Szuladzinski, Analytical Service	Development and testing of water containing blast mitigation devices Bill Jordan Cintec Australasia	
11:50-12:05	Risk Track Mike Dunn Intelligent Outcomes Group	Blast Effects - Postcards from Iraq Sheldon Krahe, SKM	Transport network vulnerability and the identification of critical elements of road transport infrastructure Professor Michael A P Taylor, University of South Australia	
12:10-1:20	Lunch & presentation Doug Jones, National President, Engineers Australia (1:10)			
	Stream 1 Chair: Michael J. Dever, Dever Clark & Associates	Stream 2 Chair: Sheldon Krahe, SKM	Stream 3 Chair	Stream 4 Chair
1:30-1:45	Case Study – Identifying and risk ranking Critical Infrastructure Robert G Rolley Worley Safety and Risk Management	Ductal: Ultra-high Performance Material for Blast Resistance, Brian Cavill, VSL Prestressing	Surface profiling of forensic ballistics specimens for the identification of firearms Clifton Smith, Edith Cowan University	

1:50-2:05	Protecting Electrical Substations, Degrees and Cost Amir Hanna, Energy Australia	Advanced Protective Technologies for Engineering Structures Priyan Mendis & Tuan Ngo, University of Melbourne	How critical the mail room? Margaret Head, Powdersafe	
2:10-2:25	Awaiting title Ken Atkinson, Westfield Centrepoint	Bi Steel: Blast resistant building component Jon Laurenson, Blue Scope Steel	Firm Managing Non-Routine Risk Michael Tarrant Emergency Management Australia	DSTO contribution on explosives and protection analysis and assessment John Waschl, DSTO
2:30-2:45	Decisions on Protection in a Multi Threat Environment Tony Green, University of NSW	Business Continuity Management Dr. Michael Clarke, M.E.T.T.S. Pty. Ltd	Safety Path: A solution to building evacuations Zoran Ovuka, Solar Safety Management	
2:50-3:05	Biometrics Institute Privacy Code Terry Aulich, Project Manager, Biometrics Institute	Blast Effects - Urban Environment Michael Franks, SKM	Evaluation of blast loads on commercial buildings: from hand calculations to GIS-based numerical simulations. Dr Alex Remennikov, University of Wollongong	
3:10-3:25	Afternoon tea			
	Stream 1 Chair	Stream 2 Chair: Gregory Szuladzinski Analytical Service	Stream 3 Chair	Stream 4 Chair
3:30-3:45	Are current Australian security standards adequate? Michael J. Dever, Dever Clark & Associates	Modelling Explosions and Blast-Structural Interactions Russ Morrison, WBM Pty Ltd	Applying systems engineering to enhance system security and survivability Stephen Cook, University of South Australia	
3:50-4:05	Cities and Critical Infrastructure Project Greg Scott, Geoscience Australia	Security design for financial services sector Peter Johnson Arup Fire, Risk and Security	Sydney Harbour foreshore aerial asset survey conducted for the Waterways Authority NSW Will Stein, Gyrovision	
4:10-4:25		Energy absorption of structures and materials Professor Guoxing Lu Swinburne University of Technology	ARC funding of security areas Dr. Stephen Walker, Australian Research Council	
4:30-5:05	Where to from here? Athol Yates			
5:10-	Networking drinks			
5:15-6:15	Open meeting to discuss Research Network for Engineering a Secure Australia -all welcome Priyan Mendis			
7:00-	Dinner at University House			

2004 Engineering Security Workshops

11 February 2004

If you are interested in attending please contact Athol Yates, tel 0402 419 583, athol.yates@SafeguardingAustralia.org.au

Time	Chair	Aim
9:00-9:15	Bruce Howard, Security Commissioner, Engineers Australia	Overview of day
9:20-10:45	Priyan Mendis University of Melbourne	Research Network for Safeguarding Australia (i) the network objectives and programs (ii) the proposed network structure (iii) Developing research programs on protective technology, risk & network analysis <ul style="list-style-type: none"> ◆ Identifying needs ◆ Identifying research providers & industry participants ◆ What benefits do its partners get
10:45-11:00	Morning tea	
11:05-12:35		(iii) Developing research programs on protective technology, risk & network analysis (contd.) Standards & codes <ul style="list-style-type: none"> ◆ What developments are being planned in security related improvements to codes & standards? - Mark Bezzina to make a presentation for 15 minutes
12:40-1:40	Lunch	
1:50-3:15	Michael Zorbas Property Council of Australia	How can we get a security dividend & make security sustainable? <ul style="list-style-type: none"> ◆ What is required to convince people that security make goods business sense? ◆ What are the strategies to get property developers, infrastructure owners, operators etc to design in security?
3:20-3:50	Arvo tea	
4:00-5:00	Bruce Howard EA members only	Strategic planning Engineers Australia <ul style="list-style-type: none"> ◆ What should be the priorities and resources be for the Engineering a Secure Australia project?

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