



New publication

Recent advances in counter-terrorism technology and infrastructure protection

July 2005, 235 pages

This publication contains the proceedings of the 2005 Science, Engineering and Technology (SET) Summit. The Summit showcased cutting edge research and accomplishments in SET. The proceedings contained the refereed papers from the Summit.



The papers are:

1. ***Eleven principles of creativity and terrorism*** by D.H. Cropley, Systems Engineering and Evaluation Centre, University of South Australia
2. ***The development of a model for testing and evaluation of security equipment within Australian Standard / New Zealand Standard AS/NZS 4360:2004 - Risk Management*** by David E.L. Jones and Clifton L. Smith, Security Systems Research and Testing Laboratory, International Centre for Security and Risk Sciences, Edith Cowan University
3. ***Security modelling for risk assessment*** by M.A. Branagan, W.J. Caelli and D. Longley, Information Security Institute, Queensland University of Technology
4. ***Automatic handwritten signature verification system for Australian passports*** by Vamsi K. Madasu, Brian C. Lovell and Kurt Kubik, School of ITEE, University of Queensland
5. ***Risk assessment and mitigation of blast damage to built infrastructure*** by M.G. Stewart and M.D. Netherton, Centre for Infrastructure Performance and Reliability, School of Engineering, The University of Newcastle
6. ***Numerical simulation of blast wave propagation in a building structure*** by X.Q. Zhou, H. Hao and A.J. Deeks, School of Civil & Resource Engineering, The University of Western Australia
7. ***Incident notification: requirements and frameworks*** by Renato Iannella, National ICT Australia
8. ***Study of risk management systems for critical infrastructure protection*** by R. Kusumo and J.P.T. Mo, CSIRO Manufacturing and Infrastructure Technology

9. **Parametric analysis of building structure response to ground excitations of different frequencies and duration** by H. Hao and B. Pillage, School of Civil and Resource Engineering, The University of Western Australia
10. **Numerical prediction of rock mass damage and safe separation distance between underground chambers under explosion loads** by C. Wu and H. Hao, School of Civil & Resource Engineering, The University of Western Australia
11. **Towards intelligent networked video surveillance for the detection of suspicious behaviours** by M.J. Brooks, A.R. Dick and A. van den Hengel, School of Computer Science, University of Adelaide
12. **Deployment of passive radio frequency identification systems for remote vehicle tracking** by J.P.T. Mo and R. Kusumo, CSIRO Manufacturing and Infrastructure Technology
13. **Recent developments in control room and infrastructure protection** by V. Svors, R. Svors and S. Hada, Vistek, Melbourne
14. **Performance of ultra-high strength concrete panels subjected to blast loading** by Tuan Ngo, Priyan Mendis and Nelson Lam, Department of Civil & Environmental Engineering, The University of Melbourne and Brian Cavill, VSL Pty Ltd
15. **Design and development of a portable, lightweight and rapidly deployable vehicle barrier** by Nigel Buckley and Zac Macher, AVS-elli
16. **Fragmentation and weaponisation of buildings: A review** by A Gupta, R Lumantarna, T Ngo, P Mendis and C Flaherty, Department of Civil & Environmental Engineering, The University of Melbourne

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