



Research Network for a Secure Australia

Protecting Australian Infrastructure



National Security Researcher's Directory

The Directory of RNSA Members

2009 Edition



Australian Government

The RNSA is an Australian Government initiative.



The Research Network for a Secure Australia (RNSA) is a multidisciplinary collaboration established to strengthen Australia's research capacity for protecting critical infrastructure (CIP) from natural or human caused disasters including terrorist acts. The RNSA facilitates a knowledge-sharing network for research organisations, government and the private sector to develop research tools and methods to mitigate emerging safety and security issues relating to critical infrastructure. World-leaders with extensive national and international linkages in relevant scientific, engineering and technological research will lead this collaboration. The RNSA also organises various activities to foster research collaboration and nurture young investigators.

Participants are encouraged to join the RNSA. Membership of the RNSA is open to Australian and international researchers, industry, government and others professionally involved in CIP Research. Information on joining is at www.secureaustralia.org.

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RNSA Members

Abbass, Hussein

Position: Director
Organisation: UNSW@ADFA
Phone: 02 6268 8158
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Areas of Expertise

1. Air-Traffic
2. Data mining
3. Modelling and Simulation
4. Scenario-based planning

Recent ARC or Major Project Grants

1. Dual Phase Evolution in Network (ARC Discovery, 2009-11)
2. Using military scenarios to assess risks in civil Air Traffic Management scenarios (Eurocontrol Experimental Centre, 2008-12)
3. Defence and Security Risk Assessment using Agent Based Distillations (ARC Discovery, 2006-08)
4. A high performance computing cluster and storage for the INTERSECT Consortium of NSW (ARC LIEF, 2009)

Completed Projects

1. The ARC Centre for Complex Systems (ACCS) (ARC Centre, 2003-08)
 2. Scenario Driven Management in a Network Environment (ARC Linkage 2004-06)
 3. Ensembles of Collaborative Neural Networks
-

Ackland, Kate

Position: Research Engineer
Organisation: Defence Science and Technology Organisation
Phone: 03 9626 8566
Email: kathryn.ackland@dsto.defence.gov.au

Areas of Expertise

1. Blast protection of Vehicles and Structures
 2. Experimental Blast testing
 3. Numerical modelling of Blast/Structure interaction
-

Aganovic, Alec

Position: Managing Director
Organisation: Australian Security Professionals Pty Ltd
Phone: 02 9569 4356
Email: security@asprotection.com.au

Areas of Expertise

1. Security Consultancy
 2. Training & Assessment System
 3. Workplace Training & Assessment
 4. Risk Management Support & Advice
-

Aloudat, Anas

Position: PhD Candidate
Organisation: University of Wollongong
Phone: 02 9750 7868
Email: anas@uow.edu.au

Areas of Expertise

1. Mobile phone technologies for public warning
2. Emergency management
3. Location-based services
4. Technology acceptance theories and models

Recent ARC or Major Project Grants

1. Location-based services for emergency management: Finding the balance between privacy and security (ARC Discovery Project, 2008-2009)
-

Aly, Anne

Position: Post Doctoral Research Fellow
Organisation: Edith Cowan University
Phone: 08 6304 5750
Email: a.aly@ecu.edu.au

Areas of Expertise

1. Fear of terrorism/fear of security
2. Terrorist profiling/radicalisation models
3. Social causes and consequences of terrorism and security
4. Identity

Recent ARC or Major Project Grants

1. Australian Muslim Responses to the Discourse of Terror (ARC Discovery-Safeguarding Australia)

Completed Projects

1. Responses to the discourse of terror: the fear of terrorism among Australian Muslims and the Broader Community
 2. Aly-Balnaves Metric of Fear
-

Al-Zarouni, Marwan

Position: Doctor of Information Technology Candidate
Organisation: secau - Security Research Centre
Phone: 08 9444 0916
Email: rnsa@dr.mw

Areas of Expertise

1. Mobile Phone Forensics
 2. Mobile Phone, SIM card and Flash Memory Hacking
 3. Email Forensics
 4. Information Security and Intelligence
-

Anderson, Matthew

Position: Inspector of Police
Organisation: Victoria Police Force
Phone: 03 9247 3709
Email: matthew.anderson@police.vic.gov.au

Areas of Expertise

1. Business Resilience
2. Risk Management
3. Exercise Management
4. Protection of Critical Infrastructure

Completed Projects

1. Protection of Australia's National Critical Infrastructure
 2. Churchill Scholarship 2004 - Protection of Critical Infrastructure & Business Continuity
-

Archer, Barry

Position: Director
Organisation: Australian Rescue, MIP Security, InteRisk
Phone: 0417 100 048
Email: barry.archer@australianrescue.com.au; barry.archer@ap.jll.com

Areas of Expertise

1. Strategic Security Risk Management
2. Risk Management
3. Strategic Property Protection Planning
4. Security by Design

Completed Projects

1. Security Risk tools for Asia-Pacific Property Industry (17 Countries)
 2. Security Risk analysis over 500 sites in Australia
 3. Training of Government Agencies in Threat and Security Analysis (5 Regional Countries)
-

Au, Man Ho Allen

Position: Associate Research Fellow
Organisation: University of Wollongong
Phone: 02 4221 4828
Email: allen.au@gmail.com

Areas of Expertise

1. Cryptography (Electronic Payment System, Anonymous Credential Systems)
 2. Information Security
-

Bailey, Bill

Position: Senior Lecturer
Organisation: Edith Cowan University
Phone: 08 6304 5634
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Areas of Expertise

1. Counter Terrorism
 2. Critical Infrastructure protection
 3. Terrorist groups
 4. African and Islamic groups and politics
 5. Operational security, risk management & training
-

Bambach, Mike

Position: Lecturer
Organisation: Monash University
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Areas of Expertise

1. Blast loading of metal and composite structures
2. Impact loading of metal structures
3. Impact loading of metal-fibre composites
4. Thin-walled steel structures

Recent ARC or Major Project Grants

1. Protecting occupants in vehicle rollover crashes
-

Barnes, Paul

Position: Deputy Director of the Information Security Institute
Organisation: Queensland University of Technology
Phone: 07 3138 9019
Email: p.barnes@qut.edu.au

Areas of Expertise

1. Business Continuity Planning
2. Risk Management
3. Threat Analysis (Critical Infrastructure Protection)

Recent ARC or Major Project Grants

1. Security & Risk Analysis for Federated GIS Databases (Smart Internet Cooperative Research Centre Grant, 2006-08)
2. The Airport Metropolis: Managing the Interfaces (ARC Industry Linkage Grant, 2007-10)

Completed Projects

1. Priority PhD Research Scholarship (National Occupational Health & Safety Council, 1994-1996)
 2. Parameters of International Best Practice for the design of Public Safety and Community-level Risk Management Programs by Fire & Rescue Services in Urban Settings (Emergency Management Australia, 1999)
 3. Sustained Community Safety Project (Queensland Department of Housing - Urban & Community Renewal Project Grant, 2000)
-

Batten, Lynn

Position: Director
Organisation: Deakin University
Phone: 03 9251 7474
Email: lmbatten@deakin.edu.au

Areas of Expertise

1. Cryptography

2. Malicious Software
3. Digital Forensics
4. Wireless sensor network recovery

Recent ARC or Major Project Grants

1. Preserving Privacy of Health Information in Ubiquitous Computing Environments (ARC Linkage grant, 2009-11)
2. Efficient and secure word-based stream ciphers for wireless communications (ARC Discovery grant, with QUT, 2003-06)
3. Analysis and classification of malicious code (ARC Linkage grant, with RMIT and Computer Associates, 2007-10)
4. ARC Research Network for a Secure Australia (2005-09)

Completed Projects

1. Efficient and secure word-based stream ciphers for wireless communications (ARC Discovery grant, 2003-06, with QUT)
-

Beadle, H. W. Peter

Position: Principal Consultant
Organisation: Capital Technic Consulting
Phone: 02 9293 3805
Email: peter.beadle@capitaltechnic.com

Areas of Expertise

- 1 R&D Fundraising, Commercialization and Management
2. Business Continuity Planning
3. Safety Security and Emergency Management Business Development

Completed Projects

1. Smart Safety Management Pty Ltd
 2. BioSenZ Pty Ltd
 3. Critical Infrastructure Protection Pty Ltd
 4. MDEA Pty Ltd
-

Beggs, Christopher

Position: ICT/SCADA Systems Security Consultant
Organisation: Sinclair Knight Merz
Phone: 03 9508 6348
Email: cbeggs@skm.com.au,

Areas of Expertise

- 1 Cyber-terrorism
2. SCADA Security

3. Security and Risk
4. ICT

Completed Projects

1. PhD in Cyber-terrorism and SCADA Security - Title: "Safeguarding Australia from Cyber-terrorism: A proposed Cyber-terrorism SCADA Risk Framework for Australia" (Monash University)
 2. ICT Security Design and Reviews of Industrial Control Systems (SCADA)
 3. ICT Communication Review and Investigation - CCTV Projects for Department of Transport
-

Beveridge, David

Position: PhD Candidate
Organisation: UNSW@ADFA
Phone: 0414 716 217
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Areas of Expertise

- 1 National Security
 2. Intelligence
-

Bowe, Thomas

Position: Managing Partner
Organisation: Security Technologies International, LLC
Phone: +1 609 263 9150
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Areas of Expertise

- 1 Homeland Security and Intelligence areas
 2. Naval Combat Systems
-

Boztas, Serdar

Position: Associate Professor
Organisation: RMIT University
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Areas of Expertise

- 1 Anti malware measures, detection and classification of malware, randomness testing

2. Biometrics and securing biometric templates
3. Digital Rights Management for protecting digital media, traitor tracing codes
4. Secure wireless communications systems, signal design, spread spectrum systems
5. Cryptography

Recent ARC or Major Project Grants

1. Analysis and Classification of Malicious Code (ARC Linkage Grant, 2008-10)
2. Embedded e-security with Cryptography and Biometrics (ARC Linkage Grant, 2007-09)
3. Stronger Identity protection and Access Control (Department of Defence, 2006-08)

Completed Projects

1. Secure 2D communications sequence design
-

Brawley, Sean

Position: A/Professor of History
Organisation: University of NSW
Phone: 02 9385 2342
Email: s.brawley@unsw.edu.au

Areas of Expertise

1. Education and Counter terrorism
 2. History and Terrorism Studies
 3. Research Methodologies of Terrorism Studies
 4. Sport and Terrorism
-

Brown, Jason

Position: National Security Director
Organisation: THALES Australia
Phone: 02 6120 5115
Email: jason.brown@thalesgroup.com.au

Areas of Expertise

1. Security Intelligence
 2. Security Risk Management
 3. Strategic and Scenario Planning
 4. Security Standards
-

Burgess, Marion

Position: Research Officer
Organisation: UNSW@ADFA
Phone: 02 6268 8241
Email: m.burgess@adfa.edu.au

Areas of Expertise

1. Acoustics
 2. Noise control
 3. Speech privacy
-

Caelli, AO, William J (Bill)

Position: Senior Research Scientist
Organisation: Information Security Institute, Queensland University of Technology
Phone: 07 3138 9451
Email: w.caelli@qut.edu.au

Areas of Expertise

1. Trusted systems and networks
 2. Cryptographic systems and their integration
 3. Information assurance, national information infrastructure policy development
 4. Security in the banking and finance sector
-

Carr, Madeline

Position: PhD Candidate
Organisation: Australian National University
Phone: 02 6125 2168
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madeline@fearless.net.au

Areas of Expertise

1. Cyber security
 2. Internet and web policy
 3. New technology and the media
-

Charles, Phil

Position: Director, Centre for Transport Strategy
Organisation: University of Queensland
Phone: 07 3365 1569
Email: p.charles@uq.edu.au

Areas of Expertise

1. Transport and Traffic engineering
2. Transport Policy
3. Traffic Incident Management
4. Transport security

Recent ARC or Major Project Grants

1. Traffic Incidents - reducing the impact (ARC Linkage)
2. Urban Rail Demand Management (Rail CRC)

Completed Projects

1. Emerging Futures - transit oriented development (ARC Linkage) (included threat management)
 2. Transport security infrastructure design (Queensland Transport)
 3. Improving Traffic Incident Management (Ausroads)
-

Childs, Stephen

Position: Risk Continuity Consultant
Organisation: InTec 1
Phone: 02 9562 9720
Email: stevechilds@iagroup.com.au

Areas of Expertise

1. Security Risk Management / Business Continuity Planning
 2. Emergency & Crisis Management / Disaster Recovery Planning and Management
 3. SCEC Consultancy / Type 1 Security Systems (High Security)
 4. Security System Design and Documentation (Networking and Integration, CCTV, Access Control, Intruder Alarm System, Duress System, Perimeter Detection System, Cell Call Systems)
 5. Biometrics Technology and application
-

Chong, Too Yen

Position: President/Chief Operating Officer
Organisation: Enera Asia Pacific Pte Ltd
Phone: +65 6774 7631
Email: tychong@enera.com.sg

Areas of Expertise

1. Communication/evacuation system - "RapidReach" automated notification system

Completed Projects

1. Monetary Authority of Singapore
2. Ministry of Community Development, Youth and Sports, Singapore

3. Titan Chemicals Bhd, Malaysia
 4. Army Head Quarter, Pentagon, Washington USA
 5. National Police Board (Sweden)
 6. British Energy (Nuclear Energy)
-

Choo, Kim-Kwang Raymond

Position: (1) Research Analyst (2) Visiting Fellow
Organisation: (1) Australian Institute of Criminology (2) ARC Centre of Excellence in Policing and Security, Regulatory Institutions Network, Australian National University
Phone: 02 6260 9238
Email: raymond.choo.au@gmail.com

Areas of Expertise

1. Anti-Money Laundering
2. Cryptographic Protocols
3. High Tech Crime
4. Information Security
5. Information Security Cybercrime

Recent ARC or Major Project Grants

1. The future cybercrime threat environment (2009 Fulbright Professional Scholarship in Australian-United States Alliance Studies - sponsored by the Department of Foreign Affairs and Trade)

Completed Projects

1. High-tech crime research (Australian Institute of Criminology)
 2. Proofs and animations for cryptographic protocols (Queensland University of Technology)
-

Clark, Andrew

Position: Associate Professor
Organisation: Queensland University of Technology
Phone: 07 3138 9550
Email: a.clark@qut.edu.au

Areas of Expertise

1. Network security; network monitoring; intrusion detection
2. Computer forensics and cybercrimes
3. Information security in industrial control systems environments
4. Web services: vulnerabilities and monitoring

Recent ARC or Major Project Grants

1. Vulnerability Assessment for Web Services (NSST, 2008-2009)
2. Protecting Critical Infrastructure from Denial of Service Attacks (Australia-India Science Foundation, 2008-2011)
3. Integrated Financial Fraud Detection in Enterprise Environments (ARC Linkage, 2007-2010)

Completed Projects

1. Incident Response in Control Systems Environments (NSST, 2007-2008)
 2. Wireless Intrusion Detection (Defence, 2006-2007)
 3. Data Mining for Computer Forensic Event Correlation (DSTO, 2006-2007)
-

Coleman, Les

Position: Senior Lecturer
Organisation: University of Melbourne
Phone: 03 8344 3696
Email: les.coleman@unimelb.edu.au

Areas of Expertise

1. Corporate risk theory
2. National risk strategy
3. Carbon tax and trading markets
4. Sustainability and ethics

Recent ARC or Major Project Grants

1. Risk management policies and practices of major Australian firms (ARC Linkage, 2006)
-

Couch, Graeme

Position: Managing Director
Organisation: Couch & Associates Pty Ltd
Phone: 0417 287 131
Email: gcouch@capl.com.au

Areas of Expertise

1. Governance, value, strategy management, risk and decision-making for human endeavours operating in complex adaptive environments
 2. Infrastructure planning, projects, operations, investigations and coordination
 3. Organisation and institutional development
 4. Socio-technical systems management
-

Crowley, Michael G

Position: Senior Lecturer and Barrister
Organisation: Faculty of Business and Law, Edith Cowan University
Phone: 08 6304 2117
Email: m.crowley@ecu.edu.au

Areas of Expertise

1. Criminal Law
 2. International Law
 3. National Security Law
-

Curtis, Neville

Position: Research Leader Operations Research
Organisation: Department of Defence
Phone: 08 8259 5854
Email: neville.curtis@dsto.defence.gov.au

Areas of Expertise

1. Soft Operations Research
-

Dawson, Ed

Position: Professor Emeritus
Organisation: Queensland University of Technology
Phone: 07 3138 9551
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Areas of Expertise

1. Applications of Cryptology
2. Cryptographic Algorithms
3. Information Security

Recent ARC or Major Project Grants

1. Protecting Critical Infrastructure from Denial of Service Attacks (Australia-India Science Foundation, 2008-11)
2. Virtual Information Sharing Networks (ARC Discovery Grant, 2007-09)
3. Security and Legal Frameworks for Federated Databases (Smart Services CRC Grant, 2006-09)

Completed Projects

1. Design and Analysis of Stream Ciphers (ARC Discovery, 2003-2007)
2. Security and Legal Framework for Electronic Contracting (CRC for Construction Innovation, 2005-2007)

3. Electronic Auctions and Electronic Voting (ARC Discovery, 2000-2005)
 4. Security Mechanisms for Third Generation Mobile Telephones (Korea Telecom, 1997-2001)
-

Fleckner, Allen

Position: Principal Consultant
Organisation: Critical Risk Pty Ltd
Phone: 03 9584 0569
Email: afleckner@criticalrisk.com.au

Areas of Expertise

1. Emergency and crisis management
2. Regulatory compliance
3. Surface transport security risk management
4. Team development and training

Completed Projects

1. Designed and established a Crisis Management and Emergency Response Team for a Regional Rail Operator
 2. Developed business continuity strategy, and management plans for a State Owned Enterprise
 3. Developed an integrated Protective Risk Management Program, to protect surface transport systems and infrastructure
 4. Developed security plans and operational budgets for transport operators for the 2006 Commonwealth Games
-

Glavic, Mary

Position:
Organisation: Victoria University
Phone:
Email: Mary_glavic@hotmail.com; mary.glavic@live.vu.edu.au

Areas of Expertise

1. Psychology of Terrorism
 2. Decision Support
 3. Profiling
 4. Education
-

Godara, Lal

Position: Associate Professor
Organisation: UNSW@AFDA
Phone: 02 6268 8208
Email: l.godara@adfa.edu.au

Areas of Expertise

- 1 Smart Antennas
 - 2 Adaptive Beamforming
-

Gonzalez, Juan

Position: Senior Research Fellow
Organisation: Information Security Institute, Queensland University of Technology
Phone: 07 3138 9552
Email: j.gonzaleznieto@qut.edu.au

Areas of Expertise

- 1 Information Security
- 2 Cryptology
- 3 Authentication protocols

Recent ARC or Major Project Grants

- 1 Practical Identity-Based Cryptography: Efficient and Secure Elliptic Curve Pairings (ARC Linkage Project, 2008-2010)
 - 2 Cryptographic Protocols from Pairings: Proofs and Designs (ARC Discovery Project, 2006-2008)
 - 3 Legal and technical security framework across multi-agency information repositories (Smart Internet Technology CRC, 2006-2007)
-

Green, Tony

Position: Senior Lecturer
Organisation: University of NSW
Phone: 02 9385 5469
Email: a.green@unsw.edu.au

Areas of Expertise

- 1 CRBN simulation
- 2 Discrete Behaviour modelling for CRBN emergency response
- 3 Explosion and Fire including scene analysis, simulation of condensed and dispersed explosions
- 4 Risk Assessment of Complex Systems

Recent ARC or Major Project Grants

1. Discrete behaviour modelling for CRBN emergency response (NSST)
 2. Development of a Multi Threat Risk Assessment Model for Critical Infrastructure Using Scripted Agent Computer Technology (ARC Linkage Grant)
-

Griffin, Ged

Position: Inspector
Organisation: Victoria Police
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Email: ged.griffin@police.vic.gov.au

Areas of Expertise

1. Critical Infrastructure Protection
 2. Counter Terrorism
 3. International Capacity Building
 4. Emergency Management
 5. Training and Education
-

Hall, Peter

Position: Emeritus Professor
Organisation: UNSW@AFDA
Phone: 02 6268 8828
Email: p.hall@adfa.edu.au

Areas of Expertise

1. Defence industry innovation
 2. Defence procurement
 3. Defence industry, innovation and procurement policy
 4. Small arms industry
-

Hao, Hong

Position: Professor of Structural Dynamics
Organisation: University of Western Australia
Phone: 08 6488 1825
Email: hao@civil.uwa.edu.au

Areas of Expertise

1. Structural Dynamics
2. Blast Engineering
3. Earthquake Engineering

4. Structural Condition Monitoring

Recent ARC or Major Project Grants

1. Rapid structural condition assessment using adaptive model updating (ARC Discovery 2008-2010)
2. Blast damage and fragmentation prediction for occupants and structure protection (ARC Discovery 2007-2009)
3. Integrated health monitoring system for civil infrastructure under operational environments (CRC for Asset Management 2007-2009)
4. Subsea pipeline condition monitoring (CSIRO Subsea Pipeline Cluster 2008-2010)
5. Seismic design of NZ highway bridges under multiple support ground excitations (Land Transport New Zealand 2008-2010)
6. Risk assessment of large bridge structures to earthquake and wind loads (China National Natural Science Foundation, 2008-2012)

Completed Projects

1. Probabilistic bridge structure condition assessment and load carrying capacity prediction (ARC Linkage 2004-2006)
 2. Dynamic response and damage analysis of frame structures to blast loads (ARC Discovery 2004-2006)
 3. Numerical prediction of train and vehicle induced ground vibrations and their effects on structures (ARC Discovery 2004-2006)
 4. Offshore structure condition monitoring using vibration measurement (CRC for Asset Management 2006)
 5. Study of simultaneous near-source spatial ground motion and soil-structure interaction on pounding responses of bridge girders (Japanese Ministry of Education, Science, Sports and Culture 2003-2005)
 6. Modelling of breakup of concrete magazine structures subjected to internal explosion and numerical simulation of debris throw (DSTA Singapore, 2003-2005)
-

Harris, Leon

Position: Principal Consultant
Organisation: Harris Crime Prevention Services
Phone: 02 9804 8771
Email: lharris@harris.com.au

Areas of Expertise

1. Hospitals
2. Research facilities/laboratories
3. Schools
4. Development of Security Policies and Procedures Manuals
5. Development of Security Plans

Completed Projects

1. Hospitals
 2. Research facilities/laboratories (Security of Radioactive Sources and Security Sensitive Biological Agents)
 3. Schools
 4. Shopping Centres
-

Harris, Geoffrey

Position: Principal Consultant
Organisation: Harris Security Management
Phone: 02 9560 9933
Email: info@harris.com.au

Areas of Expertise

- 1 Security risk assessments and threats assessments for critical infrastructure sites, places of mass gathering and supply chains
 2. Threat Management
 3. Security Master Plans for Places of Mass Gathering
 4. Development of Security Operating Procedures and Security Alert Procedures
 5. Critical Incident and Emergency Response Planning & Training
-

Hodge, Richard

Position: Director
Organisation: CAE Professional Services
Phone: 03 9818 2088
Email: richardh@cae.com.au

Areas of Expertise

- 1 Measuring National Security Outcomes
2. Simulation support to operations, analysis and training
3. Inter-agency architectures for coordination and collaboration
4. Exercise design and management

Completed Projects

1. Created Joint Operations Architecture (Battlespace Architecture) for NCW interoperability across Defence
-

Hutchinson, William

Position: Professor, Director - secaw - Security Research Centre

Organisation: Edith Cowan University
Phone: 08 9370 6591
Email: w.hutchinson@ecu.edu.au

Areas of Expertise

1. Information Operations
2. Influence Operations
3. Deception
4. Terrorism and influence operations
5. National resource security

Recent ARC or Major Project Grants

1. Better Planning for and Managing Asymmetric Threats to Australia's Security: Applying the Field Anomaly Relaxation (FAR) Systems Thinking Approach Investigators

Completed Projects

1. Adapting Informatin Operations to a Changing World: Future Options for the United States Government
 2. Managing Asymmetric Threats to National Security - Terrorist Information Operations
-

Iqbal, Usman

Position: Consultant
Organisation: Omnilink Pty Ltd.
Phone: 02 9804 8807
Email: usmani@onmilink.com.au

Areas of Expertise

1. Spatial/Locational Privacy
 2. Ethical issues of surveillance
 3. Privacy-aware technologies
-

Kasten, Arye

Position: Director of Training and Projects
Organisation: M.I.P. Security
Phone: 02 8003 4542
Email: arye@mipsecurity.com

Areas of Expertise

1. Security (terror related) risk assessments
2. Blast analysis
3. Physical security design

4. Training

Recent ARC or Major Project Grants

1. Blast analysis for new international airport - Mumbai
2. Physical Security upgrade design - Jewish community Sydney
3. Risk analysis and physical security design - Intel
4. Security audits - Elbit Israel

Completed Projects

1. Physical security design - Teva Israel
 2. Physical security design - Community centre Vienna
 3. CCTV coverage for 45 sites - Sydney
 4. Risk assessment - major commercial and Government clients - Australia
-

Kayali, Obada

Position: Senior Lecturer
Organisation: UNSW@ADFA
Phone: 02 6268 8329
Email: o.kayali@adfa.edu.au

Areas of Expertise

- 1 Reinforced concrete structures
2. Construction materials

Recent ARC or Major Project Grants

1. The stresses in props and back-props in high rise construction

Completed Projects

1. Durability of concrete using alternative cementitious materials
 2. Manufacture of lightweight aggregates using fly ash
 3. Manufacturing bricks and pavers using fly ash
 4. The autogenous shrinkage of concrete
-

Kirkbride, Paul

Position: Chief Scientist
Organisation: Australian Federal Police
Phone: 02 6203 6175
Email: paul.kirkbride@afp.gov.au

Areas of Expertise

- 1 Analytical chemistry
2. Chemical criminalistics
3. Drug analysis and clandestine laboratory investigation
4. Lab management

Recent ARC or Major Project Grants

1. A new chemical and biological sensor based on surface-enhanced Raman spectroscopy in metallic nano-structures with nano-focusing (ARC Linkage LP0775028)
2. Human DNA in Illicit Drug Samples (National Drug Law Enforcement Research Fund)
3. Peroxide-based explosives (Department of PM&C, Research Support for Counter Terrorism fund)
4. Closed-set DNA Profiling (AGs Department, Proceeds of Crime Act fund)

Completed Projects

1. Illicit Drug laboratories and the environment (National Drug Law Enforcement Research Fund)
 2. Bioprofiling of Illicit Drugs (National Drug Law Enforcement Research Fund)
 3. Novel Forensic Methods for the Comparison of Soil Samples (ARC SPIRT Grant)
 4. The synthesis and analysis of certain ex-plosives and illicit drugs for improved forensic detection (ARC Linkage Project)
-

Lai, Joseph

Position: Professor and Associate Dean (Research)
Organisation: UNSW@ADFA
Phone: 02 6268 8272
Email: j.lai@adfa.edu.au

Areas of Expertise

1. Aerodynamics
2. Acoustics
3. Vibration
4. Signal processing

Recent ARC or Major Project Grants

1. Listen & see: remote sensing & imaging of insect pests (ARC Linkage Project 2006-2009)
2. Biomimetic micro vehicle and propulsion systems (DSTO 2007-2008)

Completed Projects

1. Vibro-acoustic communication in termites (ARC Discovery Project 2005-2007)
 2. Time-resolved observation of highly transient events by a novel digital high-speed camera (ARC LIEF 2006)
 3. Helicopter structural dynamics (DSTO 2002-2005)
-

Lambert, Andrew

Position: Senior Lecturer
Organisation: UNSW@ADFA
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Email: a.lambert@adfa.edu.au

Areas of Expertise

1. Adaptive Optics
2. Surveillance Imaging
3. High Speed Digital and Opto-electronics
4. Space Situational Awareness
5. UAV navigation by vision

Recent ARC or Major Project Grants

1. Image processing using distributed embedded systems for real time applications (DSARC - DSTO Scholarship)
2. Space Situational Awareness, Phase 1, DSTO Research Agreement (ISR, DSTO)

Completed Projects

1. Visual Control of Micro Air Vehicles, USArmy FA5209-08-T-0084
 2. Integration of GPS, Inertial and Vision Sensors to Navigate Unmanned Aerial Vehicles UNSW Engineering Collaboration
 3. Giant Magellan Telescope site testing (GMT Project Office, Pasadena USA)
-

Lane, Tim

Position: Information Security
Organisation: Southern Cross University
Phone: 02 6620 3290
Email: tim.lane@scu.edu.au

Areas of Expertise

1. Information Security Management
 2. Disaster Recovery
 3. Information Security Policy
 4. Behaviour/Cultural Compliance to Security
-

Law, Yee Wei

Position: Research Fellow
Organisation: University of Melbourne
Phone: 03 8344 5930
Email: ywlaw@unimelb.edu.au

Areas of Expertise

1. Wireless sensor network security
 2. Applied cryptography
-

Mendis, Priyan

Position: Reader
Organisation: University of Melbourne
Phone: 03 8344 7244
Email: p.mendis@civenv.unimelb.edu.au

Areas of Expertise

1. Blast engineering
2. Structural Dynamics
3. Earthquake & Wind Engineering
4. Fire Engineering
5. Concrete and Steel Technologies

Recent ARC or Major Project Grants

1. Development of risk assessment and visualisation tools for first responders in extreme events, Dept of Primer and Cabinet, 2008-2010
2. Advanced protective technologies for protecting water critical infrastructure, Attorney General and Dept of Primer and Cabinet, 2008-2010
3. Performance of building façades and structural systems in Australian CBDs, Dept of Primer and Cabinet, 2006-2009
4. ARC Linkage grant on protection of bridges under close-in detonations, 2009-2012
5. ARC Discovery grant on blast behaviour of innovative panels (2004-2008)

Completed Projects

1. Bali Bombing Report – Investigation on Building Performance
 2. Modelling of building structures subjected to bomb blast
 3. Modelling of underground structures subjected to bomb blast
 4. Behaviour of High-Strength Concrete Columns Subjected to Blast Loading
 5. Vulnerability Assessment of Concrete Tall Buildings subjected to Extreme Loading Conditions
 6. Fire Performance of High-strength Concrete Walls
-

Michael, M. G.

Position: Honorary Senior Fellow
Organisation: University of Wollongong
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Email: mgm@uow.edu.au

Areas of Expertise

1. Ethics
2. LBS (location-based services)
3. Privacy
4. Ueberveillance

Recent ARC or Major Project Grants

1. IP Location-Based Services (Socio-Ethics) (UOW Grant)

Completed Projects

1. The Social Implications of Information Security Measures on Citizens and Business (RNSA/UOW, 2006, Editor (with Katina Michael))
 2. National Security (Prometheus, 24/4, Dec 2006, Guest Editor (with Katina Michael))
 3. From Dataveillance to Uerverveillance and the Realpolitik of the Transparent Society (RNSA/UOW, 2007, Editor (with Katina Michael))
 4. Australia and the New Technologies: Evidence Based Policy in Public Administration (RNSA/UOW, 2008, Editor (with Katina Michael))
 5. Emerging Ethics of Location Based Services for Humancentric Tracking and Monitoring
-

Michael, Katina

Position: Senior Lecturer
Organisation: University of Wollongong
Phone: 02 4221 3937
Email: katina@uow.edu.au

Areas of Expertise

1. Location-based Services
2. Privacy
3. Security
4. Risk

Recent ARC or Major Project Grants

1. Toward the Regulation of the Location-Based Services Industry: Influencing Australian Government Telecommunications Policy
2. Radio Frequency Identification Infrastructure Laboratory

Completed Projects

1. Emerging Ethics of Location Based Services for Humancentric Tracking and Monitoring
 2. SDNA: spatial database national Australia
 3. Perceptions of threat and responsibility for information security
-

Mu, Yi

Position: Associate Professor
Organisation: University of Wollongong
Phone: 02 4221 5228
Email: ymu@uow.edu.au

Areas of Expertise

1. Information Security
2. Network Security
3. System Security
4. Cryptography

Recent ARC or Major Project Grants

1. Secure and Practical Anonymous Electronic Payment and Applications (ARC DP, 2008-2010)
2. Aggregate Services (CRC Project, 2009-2015)

Completed Projects

1. Secure and Dynamic Single Identification Systems (ARC Linkage, 2006-2008)
 2. Knowledge based model updating for the correctness of security protocol (ARC DP, 2005-2006)
 3. Short signatures: tools for securing digital transaction and their applications (ARC DP, 2005-2006)
-

Murphy, Paul

Position: Manager Security Consulting
Organisation: GHD Pty Ltd
Phone: 02 6253 1946
Email: paul.murphy@ghd.com.au

Areas of Expertise

1. Mass Transit Security
2. Applied use of Security Technologies
3. Critical Infrastructure Protection

Completed Projects

1. Review of Current and Emerging Security Technologies for Application in the Surface / Mass Transit Sector
 2. Critical Infrastructure Protection Training Needs Assessment Project
 3. Various Threat / Risk and vulnerability assessment projects across Transport and Energy Sectors
-

Netherton, Michael

Position: Director
Organisation: The MAJAM Group Pty Ltd
Phone: 0447 011 592
Email: enquiries@theMAJAMgroup.com

Areas of Expertise

1. Blast loading
2. Weapons effects on structures
3. Mitigation of blast and weapons effects on structures
4. Security risk assessment and cost-benefit analysis of counter-terrorism measures
5. Probabilistic risk assessment of structural systems and other built infrastructure

Completed Projects

1. Damage and safety risk prediction for glazing and structural facades
-

Ngo, Tuan

Position: Lecturer and Research Fellow
Organisation: University of Melbourne
Phone: 03 83447950
Email: dtngo@unimelb.edu.au

Areas of Expertise

1. Blast and Protective Engineering
2. Extreme Loading
3. Weapons effects on structures
4. Computational Fluid Dynamics and Wind Engineering
5. Mitigation of blast and impact effects on structures

Recent ARC or Major Project Grants

1. Development of risk assessment and visualisation tools for first responders in extreme events, Dept of Primer and Cabinet, 2008-2010
2. Advanced protective technologies for protecting water critical infrastructure, Attorney General and Dept of Primer and Cabinet, 2008-2010
3. Performance of building façades and structural systems in Australian CBDs, Dept of Primer and Cabinet, 2006-2009

Completed Projects

1. Innovative concrete panels for resisting severe impulsive loading, ARC Discovery
2. ARC Research Networks for Secure Australia (RNSA)
3. Collection, Sharing, Visualisation and Analysis of Tsunami wave, ARC E-Research Grant, 2005-2006
4. Investigation of progressive collapse phenomena in multi-story buildings subjected to extreme blast loading using a grid of high performance computers, VPAC, 2004-2006

O'Callaghan, Terry

Position: Senior Lecturer
Organisation: University of South Australia
Phone: 08 8302 9041
Email: Terry.OCallaghan@unisa.edu.au

Areas of Expertise

1. International Relations
2. Political Risk

Recent ARC or Major Project Grants

1. Assessing the Role of Political and Regulatory Risks for Foreign Investors: A Multi-Country Study of Four Industry Sectors (ARC Linkage LP 0669261)
 2. Political Risk, Institutions and Regulatory Regimes: Business, Foreign Investment and public Administration in Asia (ARC Discovery Project DP 0771064)
-

Orgun, Mehmet A.

Position: Associate Professor
Organisation: Macquarie University
Phone: 02 9850 9570
Email: mehmet@comp.mq.edu.au

Areas of Expertise

1. Multi-Agent Systems
2. Knowledge Representation and Reasoning
3. Knowledge Discovery

Recent ARC or Major Project Grants

1. Formal Foundations of Representation and Maintenance of Procedural Knowledge, Macquarie University Research Development Grant (MQRDG) Safety Net Scheme (2009)
2. Classification and Prediction Modelling for Financial Distress, Tax Debt and Insolvency for ATO Clients, ARC Linkage Project (2005-2008)
3. Combining Modal Logics for Dynamic and Mlti-agent Systems, ARC Discovery Grant (2004-2008)
4. Knowledge Based Model Updating for the Correctness of Security Protocols, ARC Discovery Grant (2005-2007)

Completed Projects

1. Foundations of Executable Temporal Logic, ARC Discovery Grant (Innovation Initiative, 2002)
2. Trust Management in Multi-Agent Systems, Macquarie University Research

- Development Grant (MURDG, 2005)
3. Formal Analysis of Wireless Security Protocols, Macquarie University Research Development Grant (MQRDG, 2006)
 4. Temporal Knowledge Discovery, Capital Markets CRC Project (2006-2007)

Petraki, Eleni

Position: Lecturer
Organisation: University of Canberra
Phone: 02 6201 5219
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Areas of Expertise

1. Terrorism management
 2. Culture and terrorism
 3. Human disaster management
-

Remennikov, Alex

Position: Senior Lecturer in Structural Engineering
Organisation: University of Wollongong
Phone: 02 4221 5574
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Areas of Expertise

1. Analysis and design of blast-resistant buildings and facilities (steel, concrete, and masonry)
2. Blast hazard modeling using Computational Fluid Dynamics (CFD) software
3. Blast vulnerability assessment studies for critical infrastructure and high-risk establishments
4. Finite element modeling of structural behaviour under severe impact and blast loads using LS-DYNA, AUTODYN, ANSYS software packages
5. Protection of building glazed facades against blast effects using high-performance retrofit solutions

Recent ARC or Major Project Grants

1. Utilising the benefits of high performance steels (HPS) and infill materials for critical infrastructure protection (CIP) against extreme loads (ARC Discovery, 2008-11)
2. Dynamics of Railway Tracks / Behaviour of Prestressed Concrete Sleepers Under Severe Impact Loads (Rail-Cooperative Research Centre Project, 2004-07)

Completed Projects

1. Australian Embassy in Madrid, Spain, Blast Assessment Study (2008)
2. Mandarin Hotel, Jakarta, Indonesia, Blast Assessment Study (2007-08)
3. Department of Defence, Headquarters Command Centre, Blast Design, Canberra (2007)
4. New Australian Embassy, Phnom Penh, Cambodia, Blast Design (2006-07)

5. New Australian Embassy, Rangoon, Burma, Blast Design (2006-07)
 6. Commonwealth Bank, Jakarta Branch, Blast Upgrade (2006)
-

Reyhanitabar, Mohammad Reza

Position: PhD Research Student
Organisation: University of Wollongong
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Areas of Expertise

1. Cryptography (Design and Cryptanalysis)
 2. Information Security
 3. Telecommunications
-

Russell, Stephen

Position: Senior Lecturer
Organisation: University of South Australia
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Areas of Expertise

1. Systems engineering and integration
 2. Disaster management - Advanced technologies
 3. Disaster management - Pacific Island community resilience to disasters
 4. Security applications of Unmanned Aerial Vehicles
 5. Policing technologies
-

Shafi, Kamran

Position: Research Associate
Organisation: UNSW@ADFA
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Areas of Expertise

1. Data mining
2. Evolutionary Computation
3. Intrusion Detection
4. Risk Analysis

Recent ARC or Major Project Grants

1. Risk analysis and long term planning in Defence (DSARC)

Completed Projects

1. Adaptive signature learning for intrusion Detection (UCPRS)
-

Sharkie, Craig

Position: National Security Manager (Asia Pacific)
Organisation: CSL Limited, CSL Biotherapies, CSL Bioplasma
Phone: 03 9389 1911
Email: craig.sharkie@csl.com.au

Areas of Expertise

- 1 Security Management - Business and Corporate Enterprise
-

Simpson, Leonie

Position: Senior Lecturer
Organisation: Queensland University of Technology
Phone: 07 3138 2126
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Areas of Expertise

- 1 Symmetric cryptography
2. Design and analysis of cryptographic algorithms

Completed Projects

1. Efficient and Secure word-based stream ciphers for wireless communications (ARC Discovery Project 2004-2006, with E. Dawson and L. Batten)
-

Skorji, Mark

Position: Head Pac Rim Business Continuity Management
Organisation: Merrill Lynch
Phone: +81 3 6225 8757
Email: mark_skorji@ml.com

Areas of Expertise

- 1 Business Continuity
2. Crisis Management
3. Disaster Recovery
4. Emergency Response

Slay, Jill

Position: Associate Professor
Organisation: Defence and Systems Institute, University of South Australia
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Areas of Expertise

1. Forensic Computing
2. Resilience
3. Information Assurance
4. Culture and Systems

Recent ARC or Major Project Grants

1. NSST funding
2. VoIP Security and Forensics (ARC Discovery)
3. Forensic Computing Validation and Verification (ARC Linkage)
4. VoIP Security and Forensics (ARC Linkage)

Completed Projects

1. Trust Account Security
 2. Culture and C2 Systems
 3. Insecure Wi-Fi and Forensics
 4. Cross-cultural issues in Forensic Computing
-

Sleigh, Tony

Position: Director, Emergency Information Coordination Unit (EICU)
Organisation: NSW, Department of Lands
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Email: Tony.Sleigh@lands.nsw.gov.au

Areas of Expertise

1. Geospatial information and applications in emergency management
 2. 3-D modelling of cities and underground
 3. Risk Modelling
 4. Crowd Modelling
-

Smith, Jason

Position: Senior Research Fellow
Organisation: Queensland University of Technology

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Areas of Expertise

1. Denial of service
2. Network security
3. Intrusion detection
4. SCADA security
5. Incident response

Recent ARC or Major Project Grants

1. Vulnerability Assessment for Web Services (NSST, 2008-2009)
2. Protecting Critical Infrastructure from Denial of Service Attacks (Australia-India Science Foundation, 2008-2011)
3. Review of Australia's e-security research and development environment (DBCDE, 2008)

Completed Projects

1. Incident Response in Control Systems Environments (NSST, 2007-2008)
 2. Wireless Intrusion Detection (Defence, 2006-2007)
 3. Web services vulnerability assessment (Defence, 2007)
 4. Wireless LAN security guidance (Defence, 2005)
-

Steketee, Chris

Position: Senior Lecturer
Organisation: University of South Australia
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Email: Chris.Steketee@cs.unisa.edu.au

Areas of Expertise

1. Public key cryptography
 2. Computer and network security
 3. Mobile Security
-

Stewart, Mark

Position: Professor of Civil Engineering, Director, Centre for Infrastructure Performance & Reliability
Organisation: The University of Newcastle
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Email: mark.stewart@newcastle.edu.au

Areas of Expertise

1. Climate change, natural and man-made hazards and other time-dependent

- changes in hazards, safety and reliability of built infrastructure
2. Life cycle costing and decision analysis
 3. Probabilistic risk assessment of structural systems and other built infrastructure
 4. Security risk assessment and cost-benefit analysis of counter-terrorism measures
 5. Risk Analysis

Recent ARC or Major Project Grants

1. Risk Assessment and Mitigation of Explosive Blast Damage to Structural Systems (ARCDP, 2007-07)
2. Stochastic Modelling of Structural Façade Damage and Occupant Safety Risks Due to Explosive Blast Loading (ARCDP, 2008-10)
3. Integrated Health Monitoring System for Civil Infrastructure in Operational Environments (CRC-CIEAM, 2007-09)
4. Building Damage and economic Risks Due to Cyclones and Climate Change

Completed Projects

1. Damage and safety risk prediction for glazing and structural facades
 2. Cost-benefit and risk assessment of aviation security measures in Australia and U.S.
 3. Damage risk assessment of buildings to tropical cyclones under enhanced greenhouse conditions for North Queensland
 4. Corrosion damage and safety loss for concrete structures due to increased CO₂ levels arising from climate change
-

Stocker, Rob

Position: Senior Lecturer
Organisation: UNSW@ADFA
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Areas of Expertise

1. Complex Systems
 2. Multi-Agent Simulation Modelling
 3. Social Networks
-

Susilo, Willy

Position: Associate Professor
Organisation: University of Wollongong
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Areas of Expertise

1. Digital Signature Schemes

2. Authentication
3. Cryptography
4. Security

Recent ARC or Major Project Grants

1. Secure and Practical Anonymous Electronic Payment and Applications (ARC Discovery Project, 2008-2010)
2. Credential Systems and Their Applications in Securing Electronic Health Records (ARC Discovery Project, 2006-2008)
3. Secure and Dynamic Single Identification Systems (ARC Linkage Project, 2006-2008)

Completed Projects

1. Short signatures: tools for securing digital transaction and their applications (ARC Discovery Project, 2004-2005)
 2. Enhancing Privacy for Digital Communication (ARC Discovery Project, 2003-2006)
-

Szuladzinski, Gregory

Position: Director
Organisation: Analytical Service Pty Ltd
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Areas of Expertise

1. Structural Dynamics
 2. Physical security
 3. Progressive collapse of buildings
 4. Action of explosives
-

Tahtali, Murat

Position: Lecturer
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Areas of Expertise

1. Adaptive Optics
2. Finite Element Analysis
3. Image Processing
4. Simulation

Completed Projects

1. Imaging Techniques Through Turbulence (PhD)

Tan, Tele

Position: Associate Professor
Organisation: Curtin University of Technology
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Areas of Expertise

1. Data mining
2. Security Simulation and Modelling
3. Surveillance and Monitoring technologies

Recent ARC or Major Project Grants

1. Intelligent Surveillance System for the Transport Industry (ARC Linkage Project, 2005-07)
2. Intelligent Security in Urban Spaces (ARC Linkage Project, 2008-10)
3. Analysis of AIS data for Port Surveillance (DSTO project, 2006)

Completed Projects

1. System for canonical face extraction for facial recognition
 2. Intelligent Surveillance System for the Transport Industry
 3. Particle Filter-based Tracking System with Non Overlapping Cameras
 4. Model-based Object Recognition using Synthetic Images
 5. Simplified Model for Tracking Moving Target using Heterogeneous Cambera Systems with Non Overlapping Field of Views
 6. Cluster based Crowd Analysis with Applications to People Counting on Public Transport
-

Taylor, Michael

Position: Professor of Transport Planning
Organisation: University of South Australia
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Areas of Expertise

1. Impact and risk analysis
2. Traffic and transport engineering
3. Transport planning
4. Transport systems modelling

Recent ARC or Major Project Grants

1. Transit oriented development on urban rail corridors
2. Transport network vulnerability and critical infrastructure assessment

3. Electronic vehicle identification and vehicle tracking
4. Pedestrian simulation and modelling

Completed Projects

1. Simulation modelling of traffic networks
 2. Travel demand modelling
 3. Freight transport systems modelling
 4. Energy and environmental impacts of transport systems
-

Varadharajan, Vijay

Position: Professor and Microsoft Chair, Director of Information and Networked Systems Security Research
Organisation: Department of Computing, Macquarie University
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Areas of Expertise

1. Distributed Systems Security
2. Network Security
3. Mobile Computing Security
4. Electronic Commerce Security
5. Trusted Computing

Recent ARC or Major Project Grants

1. ARC Discovery Project on Secure Peer to Peer Computing
 2. ARC Discovery Project on Techniques for the Trust Enhanced Distributed Applications
 3. ARC Research Networks on Enterprise Information Infrastructures (EII)
 4. ARC Research Networks for Secure Australia (RNSA)
 5. ARC Discovery Project on Secure Mobile Ad hoc Networks
 6. ARC Discovery Project on Secure Mobile Agents
-

Wastell, Colin

Position: Associate Professor
Organisation: Psychology Department, Macquarie University
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Areas of Expertise

1. Reasoning
2. Intelligence Analysis
3. Decision Making
4. Judgement

Recent ARC or Major Project Grants

1. Cross Cultural Reasoning Project, funded by DSTO for 2007-2009
 2. Simulation of Intelligence Analysis Project, funded by Department of Prime Minister and Cabinet and The Policing, Intelligence and Counter Terrorism Centre at Macquarie University, 2008-2009
-

Watters, Paul

Position: Director, Internet Commerce Security Laboratory
Organisation: University of Ballarat
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Areas of Expertise

1. Computer security
2. Cybercrime
3. Cyberterrorism
4. Pattern recognition

Recent ARC or Major Project Grants

1. Defence against phishing attacks (ARC Linkage LP0776267, 2008-10)
2. Phishing research grant (National Australia Bank, 2006)
3. DADA-HCS: distributed access and data annotation for the human communication sciences (ARC e-Research SRI SR0567319, 2005-06)
4. School to university pathways project – to develop successful indigenous higher education projects to increase participation of indigenous students in higher education (DEST, 2007)

Completed Projects

1. Data Access Project, National Survey of Health and Development (Medical Research Council)
-

Whittet, Leslie

Position: Managing Consultant
Organisation: Leslie Whittet and Associates
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Areas of Expertise

1. Business Continuity Management
 2. Epidemic/pandemic planning and BCM implications
 3. Incident/Crisis Management
 4. Risk Management
-

Williams, Donald S

Position: Senior Consultant
Organisation: DSW Consulting Pty Ltd
Phone: 02 6290 0356
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Areas of Expertise

- 1 Blast safety and security procedural development
 2. Security risk analysis in relation to blast/bombings
 3. Terrorist and criminal use of explosives
-

Wu, Chengqing

Position: Senior Lecturer
Organisation: The University of Adelaide
Phone: 08 8303 4834
Email: cwu@civeng.adelaide.edu.au

Areas of Expertise

- 1 Blast resistance of ultra-high performance concrete
2. Mitigation of blast effects on structures
3. Retrofitted structures against blast loads
4. Structural response to blast loads

Recent ARC or Major Project Grants

1. Blast resistance of flexural ultra-high performance concrete members (ARC Linkage Project, 2008)

Completed Projects

1. FRP Retrofitting of RC structural members against explosive loadings (DSTO, Australia, 2006)
 2. Retrofitting RC slabs against blast loading (DSTO, Australia 2007)
-

Wylie, Mark

Position: Director
Organisation: Securitiworx Pty Ltd
Phone: 03 9379 3399
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Areas of Expertise

- 1 Security Management Systems

2. Security Risk Management
 3. Loss and Fraud Prevention
 4. Emergency Management - BCM
-

Yates, Athol

Position: Executive Director
Organisation: Australian Homeland Security Research Centre
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Email: Athol.Yates@securityresearch.org.au

Areas of Expertise

1. Climate change impact on infrastructure – built environment and emergency services
2. Critical infrastructure protection policy, disruption and mortality
3. Security sector professionalism
4. Pandemic influenza policy

Recent ARC or Major Project Grants

1. Climate change education for electricity, railway and emergency services engineers and related professionals

Completed Projects

1. Impact of a loss of life following the disruption of critical infrastructure
 2. Handbooks of climate change adaptation for the electricity, rail and emergency service sectors
-

Zeleznikow, John

Position: Professor
Organisation: Victoria University
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Email: john.zeleznikow@vu.edu.au

Areas of Expertise

1. Crime Data Mining
2. Forensic Statistics and Legal Reasoning
3. Artificial Intelligence and Law

Recent ARC or Major Project Grants

1. Developing Negotiation Decision Support Systems that promote constructive relationships following dispute
2. Knowledge Discovery in Discretionary Legal Domains
3. Developing computational models of discretion
4. FF POIROT: Financial Fraud Prevention-Oriented Information Resources Using

Ontology Technology (European Union)

Completed Projects

1. Financial Fraud Modelling
 2. Analysing Burglary Data
 3. Generating Plausible Crime Scene Scenarios
 4. Crime Scene Investigation an Artificial Intelligence
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Research Network for a Secure Australia

Protecting Australian Infrastructure

