



**SIMULATION:
IMPROVING CAPABILITY
AND COMPETITIVENESS**



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SimTect 2007

SIMULATION CONFERENCE AND EXHIBITION

4-7 June 2007

Brisbane Convention and Exhibition Centre, Brisbane, AUSTRALIA



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Message from the Convenor

In this increasingly outcome and efficiency focused environment, organisations strive to do more, and to do it better. This applies to customers and suppliers alike, in all sectors — including defence, aerospace, mining, construction and transport.

Our theme “**Simulation – Improving Capability and Competitiveness**” focuses on the opportunities that simulation provides to understand and improve the way we operate now, and into the future. It encompasses the use of simulation for experimentation and analysis, concept and capability development, system design refinement and validation, process and systems modelling, and in the training of users.

The **SimTect 2007** Conference and Exhibition builds on the success of the previous twelve SimTectTs to provide an opportunity for the simulation community to discover the latest research and product advances, and to discuss applications with developers and users.

The Organising Committee and I look forward to seeing you in Brisbane on 4th June 2007.



Jawahar Bhalla
Conference Convenor

**Conference Secretariat
Contact Details**



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Check the SimTect website for regular Conference updates and for the Online Registration Form.

www.simtect.com



SimTect 2007 is held under the auspices of the Simulation Industry Association of Australia (SIAA) Ltd
ABN 13 087 862 619

Destination: Brisbane

Brisbane is both the place to play and the place to do business in Australia. An alive and bustling city of 1.7 million people it features all the requisite offerings of the nation’s fastest growing capital – world-class facilities and ever-expanding infrastructure, unparalleled support services, and remarkable recreational experiences that take you beyond your business program.

With truly delectable dining experiences, shopping strips fit for the fashion faithful, award-winning bars and nightclubs and a sophisticated collection of artistic encounters, Brisbane is the ideal destination for business and leisure.

But there are things that set Brisbane even further apart. Year-round magnificent weather, floating river walkways, stunning riverside parks and the world’s largest subtropical garden. Australia’s only inner city beach and truly innovative urban adventure experiences. All make Brisbane an ideal place to enjoy the outdoors.

Furthermore this is without even mentioning the trendy urban villages that surround the city centre and the quaint country townships, World Heritage-listed rainforests and stunning island escapes that lie beyond these – a mere hour or so from Brisbane’s CBD.

Queensland’s capital is not only the launching pad to a host of world-renowned attractions – the Gold and Sunshine Coasts, the Great Barrier Reef and the Daintree Rainforest among these – it is the perfect urban package. A desirable, progressive and youthful leisure destination.



Image courtesy of Tourism QLD

Organising Committee

Mr Jawahar Bhalla (Chair)	CAE Australia
Mr Peter Hill	SIAA
Dr Elysebeth Leigh (Papers Co-ordinator)	University of Technology, Sydney
Ms Diane Jenkins (Proceedings Co-ordinator)	SIG
Mr Roger Mulligan (Program and Site Visits Co-Ordinator)	Consultant, Nowra
Mr Fred Hardtke (Workshops Co-ordinator)	Raytheon Australia
Mr Philip Swadling (Transport Area Lead)	Thales Australia
Mr Malcolm Bell (Golf Co-ordinator)	
Mr Craig Hingston	Concentric Asia Pacific
Mr Rob Carpenter (Wargames Café Co-ordinator; Serious Game Area Lead)	Army Simulation Wing
Mr Darren McFarlane (Defence Area Lead)	Australian Defence Simulation Office
Mr David McKeogoe (Homeland Security Area Lead)	Xon Xoff
Mr Tony Mildred	Rail Corporation New South Wales
Mr Mark Phillips	Joint National Training Capability – USJFCOM
Dr Michael McGarity	CAE Australia
Mr Nick Howden	CAE Australia
Mr Paul Beckett	RMIT
Prof Saeid Nahavandi	Deakin University
Dr Simon Parker	Defence Science Technology Organisation
Dr Rick Nunes-Vaz	Defence Science Technology Organisation

Paper Review Committee

Dr Alptekin Erkollar	University of Applied Sciences, Wiener Neustadt, Austria
Dr Arthur Filippidis	DSTO, Australia
Mr Peter Hill	Simcon Services, Australia
Mr Nick Howden	CAE, Australia-
Dr Elysebeth Leigh	University of Technology Sydney, Australia
Ms Julia Loughran	ThoughtLink, USA
Dr Michael McGarity	CAE Australia, Sydney, Australia
Dr NK Mehta	Indian Institute of Technology, India
Mr Tony Mildred	RailCorp, Australia
Mr Roger Mulligan	Consultant, Nowra
Mr Craig Pepper	Thales Australia
Ms Jaci Pratt	DSTO, Australia
Dr Marty Stytz	Air Force Research Laboratory, Wright-Patterson AFB, USA
Mr Rob Carpenter	Army Simulation Wing
Mr Anthony Cramp	DSTO Australia
Dr Simon Parker	Defence Science Technology Organisation
Mr Philip Swadling	Thales Australia

Principal Sponsor



Boeing Australia is the region's leading aerospace enterprise and an integral part of the Boeing global organisation. With a world-class team of more than 2000 employees at 15 locations across the country, and through the ongoing development of our organisational capability, Boeing Australia continues to enhance its delivery of world-class aerospace systems and solutions to regional customers.

Boeing Australia's Systems Analysis Laboratory (SAL) is the region's most advanced simulation and operations analysis facility. The SAL offers customers a unique constructive and virtual simulation environment to conceptualise and design complex system-of-systems architectures.

Advanced analysis tools, highly skilled software engineers and operations analysts, world-leading simulation technologies and advanced computing hardware allows the SAL to model all current and future Australian defence systems in detail, providing Boeing Australia's customers with the capability to explore critical domains such as war-fighting capabilities and concepts, information, logistics, C3ISR and cost and risk trade-offs.

This powerful facility offers an advanced environment where Boeing Australia customers can go beyond theorising about network-centric operations and conduct robust testing of military capabilities, information networks and how forces can best take advantage of their technology and tactical concepts.

Welcome Reception Sponsor



Proudly the mission systems integrator for Australia's Air Warfare Destroyer, Raytheon Australia draws on a 1,100 strong Australian workforce and the proven record of delivering systems integration for the Collins Class submarine replacement combat system, special mission aircraft and fighter aircrew training.

Raytheon Australia is focused on the needs of the Australian Defence Force and has the backing of Raytheon— one of the most reputable, high technology companies in the world—to provide solutions for the integrated battlespace and NoDoubt™ confidence to achieve our customer's mission success.

Major Sponsor



Queensland Government

If an industry is heading somewhere, it's heading to Queensland!

Queensland, Australia's Smart State, is located right on the doorstep of the Asia Pacific region and is a major aviation and aerospace hub. Queensland is a dynamic, innovative, smart economy with an economic growth rate well above the Australian national rate and comparable to that of high growth countries in the Asia Pacific region such as Singapore and Malaysia.

Queensland has the fastest growing population in Australia – the drawcard is not only our perfect weather and beaches, but also our high standard and low cost of living. This has created an economic boom in Queensland with investment opportunities aplenty.

Queensland's aviation and aerospace industry is leading the way with increased simulation activities being used in systems training, operations and maintenance – reducing costs and increasing efficiency on capital equipment.

Simulation opportunities are now available in the aviation, electronics, defence, construction, health, transport, mining and equipment manufacturing sectors. To find out more contact Invest Queensland telephone: 07 3224 8573 or visit www.investqueensland.com.au

Major Sponsor

GENERAL DYNAMICS Information Technology

General Dynamics Information Technology is a top-tier IT integrator that provides information technology, systems engineering and professional services to customers in the defense, intelligence, homeland security, federal civil and commercial sectors. With 16,000 professionals worldwide, the company has the customer knowledge, domain expertise and proven performance to manage large-scale, mission-critical IT programs.



THALES Australia is Australia's leading defence, engineering and systems company, with annual revenue of approximately A\$1 billion and 3500 employees. The company is composed of six business groups: Naval, Land Systems, Joint Systems, Defence Services & Aerospace, Civil, and Air Systems.

With sites throughout Australia, Defence Services and Aerospace employ more than 600 people and is responsible for Defence Services, Aerospace & Simulation for THALES Australia.

THALES Australia is the Australasian division of one of the world's largest suppliers of civil and military flight simulators and part of the global Thales group.

THALES Australia provides innovative and state-of-the-art simulation and training solutions for civil and military applications. With a significant track record and major current projects for the Australian Defence Forces and civil customers, THALES Australia's capability is backed by the engineering design and production resources of the Thales group.

THALES Australia has a long and successful history in delivering and supporting simulation and training systems in Australia. These systems include: Collins Submarine Platform Training Simulator, F-111C Mission Simulator, AP-3C AFS, the Full Flight Simulator for the Boeing Wedgetail Airborne Early Warning & Control (AEW&C) aircraft; and numerous flight simulators for QANTAS and Air New Zealand as well as simulators for other commercial industry uses.

Current major projects for THALES Australia include: a full suite of Training Devices, including a Full Flight and Mission Simulator for the Army's new Tiger Armed Reconnaissance Helicopter; and operation and maintenance of the F-111C Mission Simulator at Amberley.

THALES Australia has recently established the Australian Transformation and Innovation Centre (ATIC). The ATIC is a federated environment that supports Concept Development and Experimentation. The ATIC can be networked to a broader federation of battlelabs and system integration laboratories established by Thales in other countries, and can also be linked to local industrial and government facilities. The ATIC is backed by THALES Australia's expertise in systems, equipment, simulation and modelling and synthetic environments.

THALES Australia has the total engineering capability and project management expertise for the complete range of solutions across a broad spectrum of Defence and Industry needs, delivering not just simulators but complete Training Solutions.



CAE Australia has been delivering successful military programs in the flight simulator and service markets to the Australian military and civil markets for over 10 years. The company continues to expand its offering to include the full suite of CAE capabilities around the world, leveraging our capabilities and experiences in other nations and continually growing a stronger domestic capability within the Australian organisation. Examples of this growth include successful delivery and ongoing support of C-130H and C-130J simulators at RAAF Richmond, the Black Hawk at ACC Oakey, a number of Virtual Maintenance Trainers, and delivery of key modeling and simulation technology. CAE was awarded a contract in March 2006 by EADS CASA to supply RAAF MRTT Simulators and services to be located in a new facility at RAAF Amberley. CAE is also well positioned to prime the acquisition, delivery and support of the MRH 90 training systems.

CAE has recently acquired KESEM International, a Melbourne-based firm specialising in modelling, simulation, and decision support products and services. This acquisition forms the core of the CAE Professional Services group, which builds on CAE's strong simulation heritage and offers support for capability development, analysis and experimentation. The CAE Professional Services group works across Program Management, Modelling & Simulation and Emergency Management and Human Factors to provide defence with an integrated Capability Engineering function.

CAE is a global leader in providing advanced simulation and integrated training solutions for customers in the military and civil aviation markets. CAE is a major provider of advanced simulation equipment for military markets, having supplied military training simulators to defence forces of more than 30 nations, with the broadest rotary wing expertise of any simulator manufacturer. CAE is also the world's leading provider of civil flight simulators with more than 80% of the global competed market. The company designed and built the world's first FAA Level D full flight simulator, the highest level of certification a flight simulator can achieve. CAE also represent the world's second largest independent civil aviation training provider, with an expanding network of aviation training centres in strategic locations around the world.

Trade Exhibition

The trade exhibition will be located in the Great Hall. It will feature local and overseas companies, professional associations, media and end-user organisations.

Exhibition Hours

Monday 4 June	0830-1900
Tuesday 5 June	0830-1700
Wednesday 6 June	0830-1700
Thursday 7 June	0830-1300

For enquiries regarding trade exhibition opportunities, please contact Savita Khiani at the **SimTecT 2007** Conference Secretariat on + 61 2 6251 0675, facsimile +61 2 6251 0672 or email: simtect2007@consec.com.au

Sponsorship

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Mining/Construction Symposium

Hosted by Queensland's Mining Industry Skills Centre, and Construction Training Centre, the Symposium on Monday 4th and Tuesday 5th June 2007 is a major strategy for introducing simulation to a range of challenges facing these industries.

See the web-site, or contact the Conference Secretariat for further details.



Image courtesy of EDT

Focus Areas

Under the theme **Improving Capability and Competitiveness**, the conference Keynotes, Special Presentations, Workshops, papers and program have been structured to focus on six main areas:

Defence

- Simulation to support Force employment
- Command & Control
- Network-Centric Warfare
- Simulation support to acquisition

Transportation, Aerospace, Civil Aviation

- Regulatory frameworks, certification standards and training benefits
- Rail and vehicle simulation and training

Homeland Security

- Experimentation / new capabilities
- Emergency management
- Critical infrastructure protection

Mining / Construction

- Training benefits
- Certification standards for simulators, curriculum and instructors
- Workforce issues
- Safety implications

Human Factors

- Adult learning models
- Facilitations skills
- Design and operation implications

Serious Games

- First Person
- Multiplayer

Specialisations

Within these Focus Areas, Papers on the following life-cycle oriented specialisations have been encouraged:

1. Policy and Management, including:

- Validation, verification and accreditation
- Data management
- Military / law enforcement
- Financing of training systems (including leasing, private finance initiatives etc)
- Cost benefit analysis of simulation systems
- Policy issues
- Acquisition strategies
- History of simulators
- Standards
- Business modelling

2. Analysis & Experimentation, including:

- Simulation support to acquisition
- Experimentation
- Reliability, availability, maintainability modelling
- Lifecycle support modelling

3. Development Methodologies, including:

- Knowledge elicitation and capture
- Experiment design
- Performance monitoring
- Systems engineering
- Metrics
- Simulator fidelity analysis
- Optimisation
- Algorithms

4. Simulation and Training Technologies, including:

- Multimedia
- Computer / web based training
- Intelligent tutoring systems
- Visual systems
- Databases
- Motion bases and control loading
- Simulator sickness
- Simulation tools
- Constructive simulation
- Low cost simulation
- Behavioural modelling
- Computer generated forces
- Intelligent agents
- Artificial intelligence
- Semi-automated forces

5. Synthetic Environments, including:

- Design and development of synthetic environments
- After action review
- Synthetic environments methodology
- Scenario management
- Synthetic environment based capability development
- Virtual reality

6. Distributed Simulation, including:

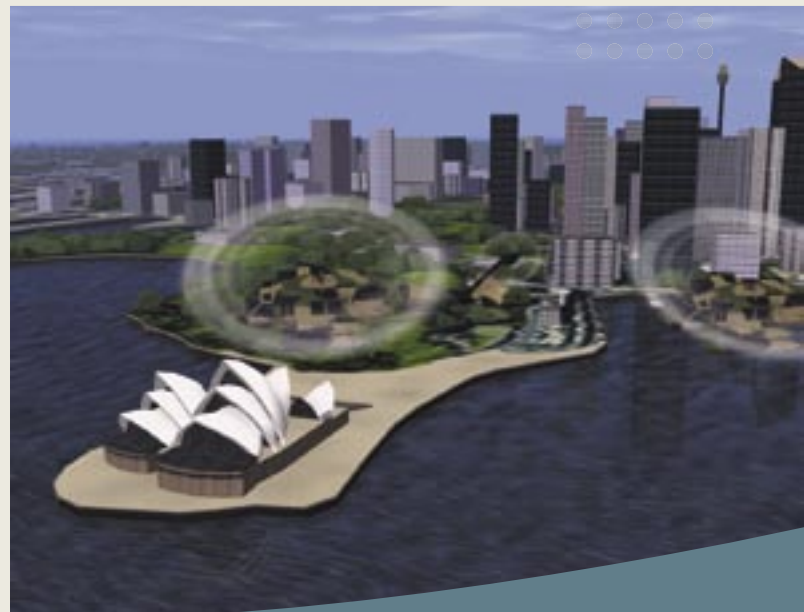
- Distributed study environments
- Networks
- Simulation interoperability
- Data interchange
- High level architecture
- Distributed interactive simulation
- Simulation and federation object models

7. Training, including:

- Training analysis, design, execution and evaluation
- Learning theory
- Embedded training
- Technology based training
- Distance / distributed learning
- Team training
- Training transfer
- Human factors
- Performance assessment
- Mission rehearsal

8. Operations, including:

- Planning and decision support
- Command and control
- Joint operations



Defence Keynote Address



LTGEN Ken Gillespie
Vice Chief of the Defence
Force, Australia

Lieutenant General Kenneth (Ken) James Gillespie was born in Brisbane on 28 June 1952. He enlisted in the Australian Army as an apprentice in 1968. He graduated from the Officer Cadet School, Portsea in 1972 and was commissioned into the corps of the Royal Australian Engineers.

Lieutenant General Gillespie has held a range of regimental and staff appointments. These include: instructor appointments at the School of Military Engineering and 1st Recruit Training Battalion; regimental appointments in the rank of Captain and Major in the 2nd, 5th, and 2nd/3rd Field Engineer Regiments and the 1st Construction Regiment; Company Commander at the Army Apprentices School; and Senior Instructor at the School of Military Engineering.

During 1986 and 1987 he was the Australian Exchange Instructor at the Royal School of Military Engineering in the United Kingdom. In 1989 he raised, and then deployed as the second in command and operations officer, the 2nd Australian Contingent to the United Nations Transition Assistance Group in Namibia. In 1990/91 he was the Standing Chairman of the Quadripartite Working Group - Engineers in the ABCA Armies Agreement. In 1999 and 2000 he was the Senior National Officer for Australia in the ABCA Program.

In 1985 he attended the Australian Command and Staff College, Queenscliff. In 1991 he attended the Australian Joint Services Staff College where he earned a Graduate Diploma in Strategic Studies. In 1998 he was a member of the Royal College of Defence Studies in the United Kingdom.

Senior appointments have included: the inaugural commanding officer of the 3rd Combat Engineer Regiment, Staff Officer Operations to the Chief of the Defence Force, inaugural commander of the Australian Theatre Joint Intelligence Centre (ASTJIC), and the inaugural Principal Staff Officer - Intelligence, Headquarters Australian Theatre. Lieutenant General Gillespie was promoted to Brigadier in January 1999. In this rank he was the Chief of Staff Training Command - Army, he commanded the United Nations Sector West multinational brigade in East Timor, and he was the National Commander of Australia's contribution to Operation Enduring Freedom.

For his service as the Commander Australian Contingent, Operation Slipper, Lieutenant General Gillespie was advanced to Officer of the Order of Australia in the Military Division, having previously been a Member of the Order for his service as Commander ASTJIC. He was also awarded the Distinguished Service Cross for his command and leadership in East Timor in 2000/2001 and the Conspicuous Service Medal for his work in Namibia in 1989/90.

Lieutenant General Gillespie was appointed as Land Commander Australia in January 2004. He was promoted to Lieutenant General and appointed as Vice Chief of the Defence Force in July 2005.

High Fidelity Simulations Across the Life Cycle



Mr Guy Higgins
Vice President Analysis, Modeling, Simulation
& Experimentation Boeing Integrated
Defense Systems

As nations broaden the scope of their efforts to protect their national security, two significant questions arise - How do we understand what systems or equipment to procure? and How do we understand that the overall performance of equipment operating together is what we require? Advances in Systems Engineering may hold the key.

As Vice President of Analysis, Modeling, Simulation & Experimentation, Guy Higgins manages, leads and provides strategic direction for Boeing Integrated Defense Systems modeling, simulation and analysis. This includes the creation and execution of integrated analytic and experimentation capabilities for program support and business growth. As such, he is responsible for the conduct of complex analysis, the development of new analytic capabilities and the evolution and operation of an advanced laboratory network. He was named to this position in November 2004.

Higgins joined Boeing in 1999 after retiring from the U.S. Navy. During his 30-year Naval career, he served as program manager of Anti-Ship Weapons, program manager for Advanced Technology, and director of test and evaluation for the Tomahawk cruise missile. He also flew 4,300 hours as P-3 TACCO and Mission Commander.

His career at Boeing has included serving as director of the CVN-77 Integrated Warfare System, director of Deepwater, director of Network Centric Operations for Advanced Aircraft & Missiles, and more recently as director of Business Development for Space & Intelligence Systems and director of Advanced Information Systems.

Higgins has a Bachelor of Science Degree in Aerospace Engineering from the U.S. Naval Academy and a Master of Science Degree in Aerospace Structures from Columbia University. He is a graduate of the U.S. Naval Test Pilot School and served as Project Officer for the S-3A Fleet Issue 4.0 and P3C Update II Navy Technical Evaluation.

Higgins' military awards include the Defense Superior Service Medal, two Legion of Merit awards, the Defense Meritorious Service Medal, Meritorious Service Medal, an Air Medal, a Joint Service Commendation Medal, a Navy Commendation Medal, Navy Achievement Medal, Navy Unit citation, two Meritorious Unit citations and numerous campaign and service awards.

The use of Modelling and Simulation in National Security



Mr Richard Davis
Head National Security, Science & Technology Unit, Prime Minister & Cabinet Department, Australia

Dr Davis has a BSc and MSc in Psychology and a PhD in Human Computer Interaction.

He worked as a Defence consultant in the UK for a number of years before moving to the Defence Science and Technology Organisation (DSTO) in '91 to work on Command and Control systems. Initial projects included distributed collaborative planning, knowledge & information management and HQ analysis & design.

On promotion to Research Leader in 2000, the focus shifted to examining whole of force capabilities, with an emphasis on Joint Experimentation, Networked Warfare, Systems Engineering/Architectures and Modelling & Simulation. Dr Davis was the founding leader of the DSTO Modelling & Simulation Hub.

Most recently, in 2006, Dr Davis became Head of the National Security Science and Technology (NSST) Unit within the Department of Prime Minister & Cabinet. The NSST Unit role is to act as a national focus for science and technology to support Australia's counter terrorism capability.

Developing Serious Games



Mr Bob Bates
Games Development Expert, USA

Bob Bates will overview the trends to Serious Games, their potential and pitfalls.

Bob Bates began his game writing career at Infocom in 1986. Since then he has written, co-designed, produced, or otherwise assisted the development of more than 30 games that have sold over 2 million copies and won over 55 industry awards, including two Adventure Game of the Year awards. His most recent published title is Panzer Elite Action: Fields of Glory, released in April 2006.

In 1989 Bob co-founded Legend Entertainment and served as its President until the company's 1998 sale to Atari. He continued as an Atari executive, Legend's Studio Head, and as an active game designer/producer until the studio closed in January of 2004. He now works as an independent game designer, writer, and producer.

Bob is the immediate past Chairman of the International Game Developers Association (IGDA) and currently serves as the chairman of its long-range planning committee. A frequent speaker at worldwide industry conferences and events, he is also the co-founder and organizer of the Game Designer's Workshop, an annual invitation-only conference attended by many of the top storytelling game designers in the business. Bob is also on the advisory board of the European Games Convention Developer Conference (GCDC), and of Project Horseshoe, a game-designer think-tank.

Bob is the author of one of the industry's bestselling books on game development, Game Design: The Art and Business of Creating Games, which is currently being used as a textbook by several colleges and universities. He has lectured on game design at MIT, Columbia, and George Washington University, and he is also the editor of the Game Developers Market Guide from Premier Press. Most recently, he co-authored a report on the Serious Games Industry for a government think tank.

Simulation - the Human Factor



Professor Tom Triggs
Professorial Fellow, Monash University Accident Research Centre, Australia

Professor Triggs will introduce the role of Human Factors in simulation design and practice.

Professor Tom Triggs is associated primarily with the human factors and simulation program in road safety at the Centre. Formerly, he was Director of the Battelle Human Factors and Organizational Effectiveness Research Centre in Seattle, and Manager, Experimental Psychology Department at Bolt, Beranek and Newman in Boston.

He was previously a member of the editorial board of Safety Science, and a member of the U.S. Transportation Research Board Subcommittee on driver training. His current research interests are in human factors of decision-aiding, human-computer interface issues and driving simulation. He obtained his Ph.D. in Psychology from the University of Michigan and his Master's degree in Aeronautical Engineering from the University of Sydney.

Professor Triggs is a Fellow of the Human Factors and Ergonomics Society, and a Fellow of the Ergonomics Society of Australia of which he is a Past President. He was awarded the Cumming Memorial Medal of the Ergonomics Society in 2000, and was co-recipient of the Alan Welford Award of the Society in 2002. He was previously Associate Editor of Human Factors for 21 years, and the Australian and New Zealand Associate Editor of Applied Ergonomics for 10 years.

His research interests are in the areas of human decision making, human factors in transportation, and attentional processes. At MUARC, he is involved in research related to young drivers, in particular, and to the use of simulation in the evaluation of driving performance. He was Deputy Director of the Centre from 1991 to 2005.

Monday Workshops at a Glance

No.	Workshop	Length	Mon	Lead	Presenters	Cost
1	SIAA Introduction to Simulation in Australia	1/2 day	AM	S. Garrett	S. Garrett E. Leigh P. Wallace	\$295.00
2	Simulation Support to Developing the Force and Capability Management	1/2 day	AM	D. McFarlane	D. McFarlane	\$295.00
3	Using Simulation in a Training Environment	1/2 day	PM	E. Leigh	E. Leigh J. Loughran	\$295.00
4	Training Needs Analysis for Simulation Systems	1/2 day	PM	P. Wallace	P. Wallace	\$295.00
5	Simulation for Analysis – How to Define the Need and the Simulation Requirements	All day	All	J. Pratt M. Tregenza	J. Pratt M. Tregenza	\$495.00
6	Network and Communications Simulation – Applications, Tools and Techniques	1/2 day	PM	B. O’Loughlin	B. O’Loughlin	\$295.00
7	Simulation Support to Operations	1/2 day	PM	M. McGarity	M. McGarity	\$295.00
8	Human Factors – an Introduction	1/2 day	AM	S. Parker	S. Parker	\$295.00
9	Visualisation Systems – how and when to use them	1/2 day	AM	G. Eves	G. Eves	\$295.00
10	Given a Problem, Which Simulation Technique(s) or Method(s) Should You Choose to Solve It?	1/2 day	PM	R. Nunes-Vaz	R. Nunes-Vaz	\$295.00

1. SIAA Introduction to Simulation in Australia

MONDAY

HALF DAY

0830-1200

Presenter

This tutorial will be delivered by members of the SIAA Professional Development Committee, led by Phil Wallace. The Committee members are highly experienced participants in the field of simulation in Australia and actively involved in advancing the skills of those involved in the field.

Outline of Workshop

This half-day tutorial is a tentatively-endorsed activity of the SIAA Professional Certification Program and designed to introduce people new to the field of simulation to its practise in Australia. Key organisations, standards and underpinning concepts are introduced through reference to Australian applications. Participants also undertake interactive activities to explore pathways for their professional development in the field.

Target Group

This is an introductory-level tutorial aimed at people who have existing expertise which they wish to apply to the field of simulation, or who are undertaking entry-level formal qualifications in the field.

Benefits of Participation

This tutorial is a pre-requisite to award of the SIAA Simulation Introduction Certificate. Participants in this tutorial will gain a fundamental understanding of the field of simulation and its application in Australia. Participants will also be provided with guidance on how to access resources and make informed decisions regarding their further professional development options.

Outcomes for Participants

Participants will be able to:

- describe the context of simulation in Australia
- apply fundamental simulation concepts in the workplace
- utilize the resources available to simulation professionals in Australia

Outline of Program

1. Context of simulation in Australia
 - a. The SIAA and SimTecT
 - b. Simulation definitions
 - c. Forms and uses of simulation
 - d. Range of simulation applications in Australia
2. Fundamental simulation concepts
 - a. Fidelity
 - b. Resolution
 - c. Simulation and human behaviour
 - d. Verification, Validation and Accreditation
 - e. Effective deployment
 - f. Simulation and modelling standards
 - g. Simulation specifications
3. Resources available to simulation professionals
 - a. SIAA resources.
 - b. Other organisations and events
 - c. The SIAA Professional Development and Professional Certification Programs



Image courtesy of SimTecT 2006

2. Simulation Support to Developing the Force and Capability Management

MONDAY

HALF DAY

0830–1200

Presenter

Darren McFarlane – *ADSO-Navy 1, Australian Defence Simulation Office*

Outline of Workshop

This half-day workshop will include guest lecturers who are able to provide insight into the use of simulation support in the Capability Life Cycle (CLC) and Capability Management and how these will be used to develop the ADF. Traditionally, simulation has only supported training, however, there is growing demand to extend simulation support across all phases of the CLC. This workshop aims to cover concepts and worked examples in applying simulation support to a CLC. The workshop is designed to be a vehicle for a variety of lecturers to present areas of interest in providing simulation support to the CLC. The capability life cycle extends from establishing and defining a capability need, defining requirements, acquiring, using and eventual disposal

Target Group

The workshop is aimed at those seeking to improve the use of simulation support to the CLC and Capability Management.

Benefits of Participation

Participation will generate a broad knowledge in use of simulation to support the CLC. It will not only show case the latest policy, guidance and concepts to broaden the use of simulation support to the CLC but also provide examples of the simulation support used or to be used in capability projects. It will provide a forum for industry interaction with the aim of improving simulation support to this important process.

Outcomes for Participants

Participants will gain broader knowledge of simulation support to CLC activities currently underway or completed. They will be able to apply this knowledge to their own capability programs. They will be able to participate in an open forum for expressing views on how to improve this application area.

Outline of Program

1. Introduction to Defence Capability Life Cycle and Capability Management
2. Guidance for providing Simulation Support to the Defence CLC
3. Broad gaps in simulation support to the Defence CLC
4. Case Studies
5. Open Discussion. Where to from here?

3. Using Simulation in a Training Environment

MONDAY

HALF DAY

1300–1630

Presenter

Dr Elysabeth Leigh – *Senior Lecturer, Faculty of Education, University of Technology, Sydney*

Outline of Workshop

This workshop will provide an overview of the key issues and concepts associated with the use of simulation for Training applications. This will cover low level Computer-Based Training and games to sophisticated mission simulators and embedded training applications. The workshop will provide an introduction and case studies/ lessons learnt from key practitioners in the field.

Target Group

Training Managers, training end users and Training Simulation developers requiring an understanding of the uses/potential of simulation for Training in its various forms, as well as wanting the experience of practitioners in the field.

Benefits of Participation

Participation will generate a broad knowledge in use of various simulation technologies to support Training. It will provide lessons learned from practitioners and how it can be best managed and deployed for optimal training transfer.

Outcomes for Participants

Participants will gain broader knowledge of the issues encountered in the use of training through various simulation technologies and how to optimally apply it in their own areas of application.

Outline of Program

1. Introduction and Overview
2. Background and History of Simulation in Training
3. The types of Simulation Technology in use for Training
4. Case Studies
5. Future Trends

4. Training Needs Analysis for Simulation

MONDAY

HALF DAY

1300–1630

Presenter

Phil Wallace – *Learning Systems Analysis Pty Ltd.*

Outline of Workshop

This half-day tutorial covers key principles of learning and instructional design, with examples and small-group exercises of tasks leading from initial analysis of the training need to specification of required simulation functionality. The focus of the tutorial is on technology-assisted virtual, constructive and live simulations, as distinct from simulation activities that do not involve technology, eg classroom role-plays.

Target Group

This is an introductory-level tutorial aimed at two groups: 1) those who have an understanding of simulation technologies and who are seeking a better understanding of learning and instructional considerations that define required simulation functionality; and 2) those who have an understanding of learning and instructional processes and who are seeking a better understanding of how simulation technologies can provide effective instructional functions.

Benefits of Participation

Participants in this tutorial will gain practise in the process of defining training needs and matching these with simulation technologies. They will debate the key issues in training needs analysis for simulation and be better prepared to plan and contribute to such studies in the future.

Outcomes for Participants

Participants will be able to:

- describe how processes for the conduct of training needs analysis can be applied to simulation
- debate key issues in achieving a valid and reliable simulation specification through training needs analysis
- critically assess the planning and conduct of training needs analysis for simulation

Outline of Program

1. Principles of Learning and Instruction
 - a. Learning theories
 - b. Models for instructional design
 - c. The Australian approach to competency-based training
2. The Contextual Analysis
 - a. The circumstances of job performance and training
 - b. Workplace roles and training tasks
 - c. Surveying potential training solutions
 - d. Gap Analysis and the Impact Statement
3. The Baseline Instructional System
 - a. Task analysis techniques.
 - b. Instructional stimuli and fidelity
 - c. Instructional support features
4. Simulation Options Evaluation
 - a. Performance comparisons
 - b. Cost comparisons
 - c. Simulation Capabilities and Solutions

5. Simulation for Analysis – How to Define the Need and the Simulation Requirements

MONDAY

FULL DAY

0830–1630

Presenters

Jaci Pratt – *Senior Systems Analyst, DSTO Land Operations Division*

Marcus Tregenza – *Senior Military Analyst, DSTO Land Operations Division*

Outline of Workshop

The key focus of this workshop is on practical methods to achieve good analysis and experimentation outputs through the careful development of analytical and simulation needs/requirements in the Problem Definition and Experiment Design phases. Whilst referring to theory, it is more about how to take the theory and turn it into practice.

Target Group

Anyone involved in managing and/or working in Systems Analysis, Research & Development or Experimentation in Defence or Industry who has needed to define and understand their requirement for simulation to assist in their work. This includes individuals involved in identifying supporting simulation for the capability acquisition lifecycle of a system.

Benefits of Participation

- understand how to match analysis needs to simulation requirements
- be able to select the right simulation for the application
- understand the process of problem definition and experiment design

Outcomes for Participants

An understanding of how to match analysis problems to simulation requirements and being able to pick the right simulator to analyse the problem at hand.

Outline of Program

1. Introduction and Overview
2. Experimentation and Analysis overview
3. Problem Definition Approaches
4. Experiment Design – how to match the simulation to the problem
5. Facilitated Panel Discussion/Open Forum

6. Network and Communications Simulation – Applications, Tools and Techniques

MONDAY

HALF DAY

1300–1630

Presenter

Ben O’Loghlin – *Managing Director, Tenfold Network Solutions* together with a range of industry experts and users.

Outline of Workshop

This workshop will cover the domain of networks and their analysis through simulation. With the ever-increasing complexity of defence and commercial networks around the world this domain is one that is seeing increasing simulation support, which will continue to grow in the future.

Target Group

Communications Industry managers and engineers, network simulation end users, Network and System Engineers, and developers requiring an understanding of the uses/potential, technologies and trade-offs associated with network simulations.

Benefits of Participation

Participants will gain an understanding of the key managerial and technical issues in network modelling and simulation and applications in decision support, design and verification.

Outcomes for Participants

Participants will have an understanding on how to approach network engineering using modelling and simulation methods and where it applies.

Outline of Program

1. Introduction and Overview
2. Types of networks, network engineering and issues
3. Where simulation can be used in network engineering & analysis
4. Classes of simulation tools that can be applied to network analyses
5. Case studies in simulation applied to network engineering
6. State of the art in network simulation

7. Simulation Support to Operations

MONDAY

HALF DAY

1300–1630

Presenter

Michael McGarity – *Manager, Products & Technology, CAE Australia*

Outline of Workshop

This workshop will provide an overview of the key issues and concepts associated with the use of simulation for Military Operations. The workshop will provide an introduction and case studies/ lessons learnt from key practitioners in the field.

Target Group

Military Analysts, Training Managers, Mission Rehearsal end-users and Training Simulation developers requiring an understanding of the uses/potential of Simulation for Operations, as well as wanting the experience of practitioners in the field.

Benefits of Participation

Participation will generate a broad knowledge in use of simulation to support Operations. It will provide lessons learned from practitioners and how it can be best managed and deployed for optimal analysis and training applications.

Outcomes for Participants

Participants will gain broader knowledge of the issues encountered in the use of operations support through simulation and how to optimally apply it in their own areas of application.

Outline of Program

1. Introduction and Overview
2. Background and History of Support to Operations
3. Rehearsal for Operations
4. Planning for Operations
5. Execution of Operations
6. Simulation Support to Operations Today
7. Key Benefits and Issues
8. Case Studies
9. Future Trends

8. Human Factors – an Introduction

MONDAY

HALF DAY

0830–1200

Presenter

Simon Parker – Crew Environments and Training, Air Operations Division, DSTO

Outline of Workshop

This workshop will provide an overview of the key issues and concepts associated with the deployment of Human Factors in areas related to Simulation Technology, such as Training, as well as other areas. It is meant to be a broad introduction to the field and will look at all issues involving the integration and inclusion of humans in the system lifecycle.

Target Group

Program Managers, Engineering Managers, Technologists and Engineers in various disciplines that have exposure to Human Factors issues and would like to learn more about this field.

Benefits of Participation

Participation will generate a broad knowledge in concepts and use of various Human Factors techniques to improve Human integration into systems. It will provide lessons learned from practitioners and how it can be best managed and deployed.

Outcomes for Participants

Participants will gain broader knowledge of the issues encountered in the use of Human Factors and how to optimally apply it in their own areas of application.

Outline of Program

1. Introduction and Overview
2. Background and History of Human Factors
3. Human Factors Principles
 - a. Matching People to Systems
 - Anthropometrics
 - Training
 - b. Matching Systems to People
 - Guidelines/Standards
 - Soft Approaches
 - Useability
 - Crewing
4. Case Studies
5. Future Trends

9. Visualisation Systems – how and when to use them

MONDAY

HALF DAY

0830–1200

Presenter

Gary Eves – Development Manager, VR Solutions

Outline of Workshop

Target Group

Analysts, Scientists, Simulation end users, System Engineers, and developers requiring an understanding of the uses/potential, technologies and trade-offs associated with visualisation.

Benefits of Participation

Participants will gain an understanding of the key managerial and technical issues in visualisation use, specification and design.

Outcomes for Participants

Participants will have an understanding of the applications for, and technologies used in, image generation and visual displays, and the issues and tradeoffs associated with these technologies. Participants will also understand the process of specifying visual database requirements, constraints, general processes involved in database development, data sources used, and the types of tools required for database development.

Outline of Program

1. Introduction and overview
2. Why Visualisation?
3. Overview of history of Image Generation Technology and use of Visualisation
4. Visualisation technology overview – IG, Projection & Databases
5. Image Generation Basics
6. Current technology and Future technology trends
7. Overview of projection and display technologies
8. Technical issues and tradeoffs associated with Visualisation technology
9. Future technology trends
10. Overview of Database Development
11. Data Source requirements and data sources
12. Development Tools
13. Future trends in Databases
14. Users of Visualisation – success stories and lessons learned

10. Given a Problem, Which Simulation Technique(s) or Method(s) Should You Choose to Solve It?

MONDAY

HALF DAY

1300–1630

Presenter

Dr Rick Nunes-Vaz – Senior Operations Analyst, DSTO

Rick is a senior operations analyst at DSTO, applying various problem-solving techniques to national security issues. He has previously contributed to DSTO's efforts to strengthen its military experimentation methodology (including co-authorship of GUIDEx). Prior to joining DSTO in 2000, Rick had a successful academic research career as a physical oceanographer with the University of New South Wales and Flinders University of SA after gaining his PhD from the University of Wales, UK in 1982.

Outline of Workshop

Do 'expert' practitioners of each problem-solving technique / approach (eg, closed-loop simulation) have a common view of what that technique should (or should not) be used to do? Is there a 'real', definable, objective view of the strengths and weaknesses of each technique?

This workshop aims to (partially) answer these questions. If, as previous research suggests, there is a definable view of the generic characteristics of each technique, then the discussion and outputs of this workshop should help to:

- distil the essence of what makes someone an 'expert';
- see whether that essence is common, and can be described in generic terms (descriptors);
- develop a guide to inform the choice of method / technique for solving given problem types.

The workshop will be highly interactive and relies on there being 'experts' (in a broad range of techniques) to help characterise each approach against a consistent, universal framework. This framework aims to describe each technique (using 9 'attributes') in terms of the type of problems it should be used to solve, and the type of outputs (products) it generates. If such a framework can be generated, a future user should be able to describe their (new) problem, and what outputs are required, and gain guidance on which solution techniques should be considered suitable.

Target Group

The more 'experts' (in a range of techniques) that attend, the more lively, spirited and stimulating the discussion will be. From past experience, the exchanges are always interesting and non-experts also gain a great deal from listening (and contributing) to the discussion since it generates a viable framework from which to make sense of alternative choices of approach. Technique, refers to any simulation, experimental, modelling, mathematical (deterministic or stochastic), human (soft systems) or other approach to solving complex problems. And an 'expert' is someone who has used the technique on more than one occasion and has gained at least a little facility in its use.

Benefits of Participation

- gain an appreciation of the similarities and differences between different techniques
- develop a conceptual framework to be able to classify (and group) alternative techniques
- develop a basis from which to choose which technique can (and perhaps should) be applied.

Outcomes for Participants

A stronger and more enduring appreciation of why technique A should be used, in a given situation, rather than technique B.

Outline of Program

1. Introduction and Overview
2. Conceptual framework for characterising techniques (using 9 'attributes')
3. Group discussion to achieve consensus on what each attribute actually means
4. Characterisation of a range of techniques
5. Wrap-up, group discussion of characterisation approach and indicative results.

Simulation Technology and Homeland Security Symposium

THURSDAY

HALF DAY

1300-1600

Presenter

Richard Davis – *Head National Security, Science & Technology Unit, Department of Prime Minister and Cabinet, Australian Government*

David McKeague – *Principal, Xon Xoff Pty Ltd*

Various vendors and agencies

Outline of Workshop

This workshop will provide an overview of the key issues and concepts associated with the use of simulation for Homeland Security applications. The workshop will provide an introduction and case studies/ lessons learnt from key practitioners in the field.

Target Group

A broad range of Managers, Technologists and Systems Engineers having a vested interest in the area of Homeland Security.

Benefits of Participation

Participation will generate a broad knowledge in use of simulation to support Homeland Security. It will provide lessons learned from practitioners and how it can be best managed and deployed for optimal analysis rehearsal and training transfer.

Objective

This Symposium encourages those agencies and organisations with security needs, to engage with local and international providers, to elicit areas of commonality, challenges, standards required, and a way ahead.

Who should attend

Federal, state and local government agencies, defence, utilities, telecommunications providers, major infrastructure owners, healthcare, national security consultants, simulation providers, data providers.

Outline of Program

Introduction - David McKeague

Scene setting - Richard Davis

Case Study 1 - vendor 1

Case Study 2 - vendor 2

Q&A

User Requirement 1 - agency 1

User Requirement 2 - agency 2

Challenges / Directions /

Standards / Way ahead-

Panel / Audience Discussion – Moderator - David McKeague

Please register your intent to attend on the registration form.

Team Training for the Unexpected

Wednesday 6 June

1400-1530

Presenter

Werner Naef – *Naef Limited, New Zealand*

Experience shows that individuals – even extremely well trained – often start to dysfunction when getting under stress. Managers do not delegate anymore, they over-control and become very critical of others in terms of thinking clearly, cleanliness, order, money or on-time performance. Others attack staff for not being committed, not sharing the right beliefs and not being trustworthy. They focus on the 3% that have been done wrong and fail to see the 97% that had been perfect. Yet others under stress will over-adapt, become wishy-washy in their decision making - they invite criticism and rejection.

In other words: people under stress often start to unknowingly sabotage their professional and private life. The psychological mechanisms behind this are well known – our individual dysfunctional behavioural stress patterns being highly predictable. This is why NASA took this method onboard its astronaut selection, and training, as early as 1978!

The method is being successfully used on many continents and a many industries. Naef Limited have been offering such training with great success since the late 90s in Europe, in Australia and in New Zealand.

Stress training of teams based on this psychological background is enhanced by usage of a computer simulation pushing teams into high-activity, complex performance situations where the individual stress patterns will show up. Thus learners experience their stress behaviours in an authentic – but non-jeopardy – situation; they can then analyse the dysfunctional part of their behaviour and in a re-training session apply an alternative, successful behavioural pattern.

This presentation focuses on recent such training events in Europe on the management level of a major European airport, and on staff of new operations centres of a major European Rail Operator.

Standards Presentation

Tuesday 5 June

1030-1230

The SIAA has teamed with well-known Standards organisations SISO and Standards Australia to bring a special presentation on developments around the world.

After the SISO and Standards Australia presentations, and a Q&A session, standards-related papers will be programmed.

SISO Presentation, PDGs, SGs, SSGs etc	Rick Severinghaus, President, SISO
SISO Australia, Country Leads, Benefits of Joining	Craig Pepper, Chair, SISO Australia
Q&A	Rick/Craig
IT-031 Standards Australia Overview	Dr Peter Ryan, Chair IT-031 / Samantha Walker, Project Manager, Standards Australia
Panel Discussion and Q&A	Rick/Craig/Peter
Other Standards Papers	



Defence Stream Program

The Australian Defence Simulation Office is hosting a Defence Stream. The aim of this stream is to provide a venue for Defence to update the Australian simulation community on developments within Defence on policy, technology, standards and projects. The focus for the 2007 Defence Stream is the Defence Simulation Capability. The themes for the two days are:

Tuesday 05 June, 2007

Policy, Standards and Technology

Chair – Mr D McFarlane

- 1130 Defence Update *DG Simulation, Australian Defence Simulation Office (ADSO)*
- 1200 Lunch
- 1400 Defence Simulation Governance
- 1430 Defence Simulation Roadmap
- 1500 Introduction to NATO MSG
- 1530 Afternoon Tea
- 1600 Defence Simulation Panel

Wednesday 06 June, 2007

Defence Simulation Capability

Chair – John Loughhead

- 1030 Defence Simulation Environment
- 1100 Joint Decision Support and Simulation Centre
- 1130 Joint Combined Training Capability
- 1200 Lunch
- 1400 Army Simulation Capability
- 1430 Navy Simulation Capability
- 1500 Air Force Simulation Capability
- 1530 Afternoon Tea
- 1600 DSTO Simulation Capability

Wargame Café

Drop into a special part of the Exhibition area where PC "Games" are used for serious purposes.

It is hosted by the Army, and organised by Robert Carpenter.

The Wargame Cafe is sponsored by Xenon Systems.



SteelBeasts Pro

Steelbeasts is a virtual Leopard 2 and M1 tank simulation for gunners, crew commanders, troop/platoon leaders and squadron/company commanders. It depicts the firecontrol and weapons systems of a number of vehicles. It is in use with the German, Danish and US forces and is being evaluated by a number of other defence forces.

Full Spectrum Warrior

This is a Squad based first person game developed for the US Army.

TACOPS

TACOPS is a modern battalion to brigade constructive wargame that has extensive multiplayer and multifaction capability. It has been developed from the base commercial product for the US Army. It is used by the US Canadian, New Zealand and Australian armies for all arms training of company and battalion level officers.

Combat Mission

Combat Mission is a WW2 constructive company to battalion level game played in a 3D environment. It has been evaluated by the US Army and a modern version is possible within the next few years.



This year the **SimTecT 2007** Organising Committee has arranged a number of interesting site visits.

Delegates will be transported from the Convention Centre to and from each venue, and then to the airport. For site visits near the airport (Alteon and Australian Aerospace), the buses will go to the airport first, before returning to the Convention Centre.

A packed lunch will be available to eat on the bus.

All site visits are subject to a minimum number of ten (10) persons.

Date:	Thursday 7 June 2007
Time:	1245–1700
Meeting Place:	SimTecT 2007 Registration Desk at 1235
Cost:	\$44.00
Transport:	Coach

Alteon's Training Facility

The **Alteon** facility in Brisbane provides training to civil aviation users including VirginBlue.

This site visit will provide a tour of the facility including the associated training equipment and a behind the scenes look at the computer rooms, together with a short flight in one of two available commercial aviation simulators (subject to last minute unavailability).

Note that numbers are limited to 24 delegates (4 groups of 6).

The Alteon facility includes simulators for:

- 717–200
- 737–700/800
- A320

Aviation Australia

A tour of Aviation Australia's cabin crew simulation systems and avionics technician training centre.

The cabin crew simulation systems are:

- Fire trainer
- 737 and Emb170 cabins
- Door trainers and
- Evacuation pool.

Auran Games

Auran develops PC games for the entertainment and business sectors.

Some of the business related titles are:

- Ship Simulator
- Xtreme King Air B200
- Ultimate Airlines Super 80
- Hotel Giant Fire Department 3
- War On Terror
- Trainz Driver and Railworld Simulator

Visitors will tour Auran's development facilities, and discuss industry issues with company representatives.

Queensland Rail and Vigil Systems

This will comprise visits to two locations.

Note that numbers are limited to 30 delegates (2 groups of 15).

QR Train Simulator

At Queensland Rail, visitors can inspect the passenger train driving simulator. The simulator is able to imitate the characteristics of all current Citytrain electric unit types (EMU/SMU/IMU) and is currently being upgraded to include the new IMU specifications.

The simulator is used for:

- Initial familiarisation with driving tasks in a safe environment
- Train/assess and recredit Drivers & Guards as well as Train Controllers and Station Staff
- Route Tuition
- Fault Finding
- Critical Incident Management (Emergency Procedures)
- SPAD (Signal Passed At Danger) avoidance
- Post-SPAD Driver Training – Working with individually identified issues
- Accident Investigation.

Vigil Systems Driver Training Systems

Vigil Systems develops advanced solutions for on-road training, evaluation and driver performance management to proactively manage risk and improve driver safety to reduce the costs and risks of accidents and incidents.

VigilVanguard Driver Training System

The VigilVanguard Driver Training System revolutionizes the way drivers are recruited, trained, and managed to achieve desirable safety objectives. The portable in-vehicle logging and sensor system combined with visual-based software enables the recording, measurement, and detailed analysis of driving behaviour and performance.

Route Training System

VigilVoyage is a route profiling system, designed to effectively aid transit trainee drivers with visual-based route training. It works in conjunction with the VigilVanguard driver training system to construct maps, providing relevant information on each transit route. VigilVoyage assists trainers to reduce training times, allowing drivers to effectively undertake routes sooner than with traditional route training.

Pocket PC Assessment Tool

VigilPassenger also monitors the physical forces experienced during a drive. Capturing this non-subjective data allows for consistent benchmarking and assessment of driving styles, with the ability to generate reports based on the captured data.

VigilView – Driving Performance

This visual-based management software program highlights several areas of driving performance including speeds, accelerations, braking, cornering, following distances, and driver alertness. VigilView provides a practical illustration of data captured through VigilVanguard's video and sensor system as well as trainer-highlighted events. Using mapping technology, the location of the driver's route is shown, giving a complete overview of the drive, including problem areas or significant events that may have occurred. The video playback feature enables specific areas of the driver training session to be accurately and specifically reviewed.



Queensland Health Skills Development Centre

Queensland Health Skills Development Centre is one of most technologically advanced and comprehensive skills development centres in the world.

Opened jointly on 23 September 2004 by the Premier of Queensland, the Hon. Peter Beattie and the then Queensland Minister for Health, Hon. Gordon Nuttall, it is the only one of seven in Oceania to have a complete suite of virtual reality and simulation training equipment.

It covers over 3500sqm, with 26 session rooms, laboratories, and even a fully-functional operating theatre and hospital ward.

Facilities

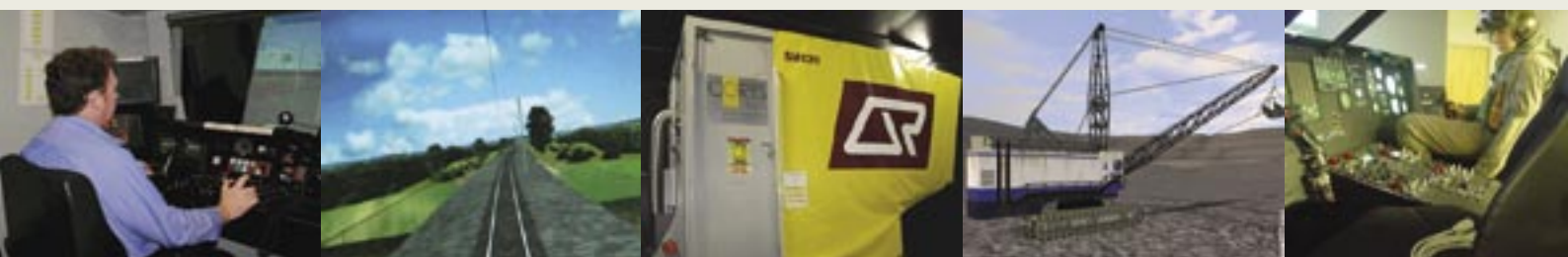
- Two large seminar rooms, capable of seating 130 participants
- One fully-equipped operating theatre and emergency department resuscitation bay
- A training ward that can be set up with an intensive care bay and recovery ward bay, complete with a patient ensuite for retrieving patients' who have may collapsed
- Surgical skills and virtual reality skills training laboratories
- Airways laboratory, access laboratory and CPR laboratory
- Two access grid rooms for high-end video-conferencing
- An e-learning room with computer terminals;
- Eight communications suites with a central observation area. The communication suites may be set up to become a procedure room, an outpatient room, a GP's surgery, and waiting room;
- Five debriefing and eight tutorial rooms
- An audio-visual suite for editing
- Visiting faculty areas with internet connectivity to allow visitors to stay in touch with their home or work base
- Patients' lounge for patients or actors in scenarios to relax between sessions

Equipment

- Multiple life-sized high, medium and low fidelity mannequins, (Adults, children and neonates)
- Three endo-vascular surgical trainers
- Laparoscopic simulators. Several use haptic feedback (force-feedback) to enhance the simulated experience
- Gastro-intestinal trainers
- Box trainers & laparoscopic stacks for surgical skill training
- Urological simulator
- Part trainers for procedural skill training including Airways trainers, CPR trainers
- Gynaecology simulator
- Overhead cameras and projectors in all session rooms
- High fidelity audio visual equipment, capable of real-time recording from multiple sources

VR Solutions

VR Solutions will host Simtect delegates for a visit to its development laboratory. On display will be a unique HDTV resolution display system, providing two channel coverage of a 160 degree field of view system. Application demonstrations will be provided of VRS work in the areas of Mining simulation, Command and Control Training, Ship simulation and battle space tactical planning.



Welcome Reception**Raytheon
Australia**

Date: Monday 4 June 2007
Time: 1700–1900
Location: SimTecT Trade Exhibition Area, The Great Hall, Brisbane Convention Centre
Cost: \$66.00pp (or included in Full Registration Fee)

Conference Dinner

Date: Wednesday 6 June 2007
Time: 1900–2330
Location: Plaza Terrace Room, Brisbane Convention Centre
Cost: \$125.00 (or included in Full Registration Fee)

The Conference Dinner will be held at the Brisbane Convention Centre. Pre-dinner drinks will commence at 1900 and dinner from 1930. The dinner is included in the registration fee for 'Full Registration' delegates. Additional tickets may be purchased for \$125.00pp.

Social Evening

Date: Tuesday 5 June 2007
Time: 1900 – 2230
Cost: \$110.00
Location: Mystery Venue

Golf Day – SimTecT 2007 Golf Challenge

Each year, the SimTecT Organising Committee hosts a golf challenge to kick off SimTecT. This has proved to be very popular since its inauguration a few years ago, so bring your clubs and enjoy a day of networking with your colleagues!

Date: Monday 4 June 2007
Start: 0930
Location: Indooroopilly Golf Club, Meiers Road, Indooroopilly QLD 4068
Tee Off: 1000
Finish and Depart: 1600
Format: 4B Ambrose
Cost: SIAA Member & Defence \$90.00 per person
 Non-Member \$100.00 per person

Includes :

- Green fees
- Motorized carts
- Lunch and beverages

Dress regulations apply immediately upon entry to the club and pertain to all areas of the club property i.e. Practice Areas, Car Parks, IGC Golf Shop, clubhouse surrounds and on the Golf Courses.

Acceptable Attire

1. Collared shirts worn inside the waistband. Tailored slacks, tailored cargo pants/shorts or tailored shorts. Knee high length socks (kept up at all times) or short predominately white socks worn above the ankle.
2. Golf shoes fitted with soft spikes only.
3. Enclosed shoes without socks are acceptable in and around the Clubhouse and car parks before and after golf. Shoes with socks must be worn on the course

Unacceptable Attire

1. Beach attire, football clothes and socks. Shorts with a drawstring waist, t-shirts, singlet tops or shirts that do not cover the shoulders. No denim clothing. Any type of open shoe, eg thongs or sandals.
2. Clothes that are not maintained in good condition.

Hire Equipment

Golf Clubs – Full Set \$30.00 for 18 Holes
 Golf Shoes \$11.00

Monday 4 June 2007

0930-1600 Golf Challenge

Conference Workshops

0830-1200 SIAA Introduction to Simulation in Australia

0830-1200 Simulation Support to Developing the Force and Capability Management

0830-1200 Human Factors – an Introduction

0830-1200 Visualisation Systems – how and when to use them

0830-1630 Simulation for Analysis – How to Define the Need and the Simulation Requirements

1300-1630 Using Simulation in a Training Environment

1300-1630 Training Needs Analysis for Simulation Systems

1300-1630 Network and Communications Simulation – Applications, Tools and Techniques

1300-1630 Simulation Support to Operations

1300-1630 Given a Problem, Which Simulation Technique(s) or Method(s) Should You Choose to Solve It?

1645-1700 Speakers/Session Chairs Meeting

1700-1900 Welcome Reception

Tuesday 5 June 2007

0830-0840 Welcome Address – Alan Johnson, President, SIAA

0840-0900 Conference Opening

0900-1000 Keynote Address – LTGEN Ken Gillespie

1000-1030 Morning Tea

1030-1200 Paper Presentations
Special Presentation – Standards Presentation

1200-1300 Lunch

1300-1400 Keynote Address – Mr Guy Higgins

1400-1530 Paper Presentations

1530-1600 Afternoon Tea

1600-1730 Paper Presentations

1900-2230 Social Evening

Wednesday 6 June 2007

0830-0930 Keynote Address – Tom Triggs

0930-1000 Paper Presentations

1000-1030 Morning Tea

1030-1200 Paper Presentations

1200-1300 Lunch

1300-1400 Keynote Address – Bob Bates

1400-1530 Paper Presentations
Special Presentation – Team Training for the Unexpected

1530-1600 Afternoon Tea

1600-1730 Paper & Defence Presentations

1900-2230 Conference Dinner

Thursday 7 June 2007

0900-1000 Paper Presentations

1000-1030 Morning Tea

1030-1120 Keynote Address – Richard Davis

1120-1225 Keynote Panel Discussion

1225-1230 Closing Remarks – Jawahar Bhalla

1230-1300 Light Lunch

1230-1600 Site Visits

1300-1600 Simulation Technology and Homeland Security Symposium

Disclaimer: The Conference program and registration information is correct at the time of printing. However, the organisers reserve the right to change the information where necessary without notice.

Welcome to Brisbane

Located on the eastern seaboard, Brisbane is the capital of Queensland – Australia's premier tourist region. It is Australia's fastest growing metropolitan region in South East Queensland and occupies 1,140 square kilometres. Queensland's capital is relaxed, laid-back, and subtropical.

Accommodation

A block booking of accommodation has been booked at nearby properties in the Brisbane Convention Centre precinct for the **SimTect 2007** Conference. Please indicate your accommodation requirements on the registration form attached.

In order to secure your room, please include a minimum of one (1) night's room rate (either by cheque or credit card) as a deposit on your registration form with the balance of your accommodation to be settled directly with the hotel on departure. Alternatively, you can provide credit card details, which can either be forwarded to the hotel directly or debited for a deposit (please check the appropriate box on the registration form).

Room configurations will be allocated on a *first come first* basis.

Please note: Deposits and/or full pre-payment for accommodation must be received at the Secretariat no later than Friday 27 April 2007. Bookings made after that date cannot be guaranteed. For any rooms cancelled seven (7) days less or prior to arrival or where a delegate does not arrive on the date booked, a cancellation fee equal to one night's accommodation may be charged to the delegate. Accommodation deposits may be forfeited if the room is not occupied on the requested check-in date.

All bookings, alterations or cancellations should be made to the Conference Secretariat in writing.

Please do not contact the hotels directly.

Banks

General banking hours are Monday through to Thursday 9.30am to 4.00pm and Fridays until 5.00pm.

Car Parking

As a visitor you will have the advantage of secure, undercover, accessible **parking for more than 1600 motor vehicles**, 24 hours a day. All parking passes can be purchased from our Business Services Office.

Climate

As Australia's largest sub-tropical city Brisbane has more sunny days than Florida and warmer winter days than the Bahamas. Brisbane's average temperatures range from a minimum of 12 degrees to a maximum of 22 degrees.

Conference Secretariat



Consec – Conference Management
PO Box 3127
Belconnen Mail Delivery Centre
ACT 2617
AUSTRALIA

Telephone: +61 2 6251 0675

Facsimile: +61 2 6251 0672

Email: simtect2007@consec.com.au

Conference Manager: Barry Neame

Senior Conference Coordinator: Savita Khiani

Registrations Coordinator: Larissa Hansen

Cancellation and Refund Policy

Delegates who find themselves unable to attend the Conference after submitting a registration form are most welcome to nominate a substitute. In the case of a cancellation, delegates must inform the Conference Secretariat in writing of their inability to attend. A refund of registration fees, less a cancellation fee of \$110.00 including GST can only be made if you cancel on or before Friday 27 April 2007. Refunds will be issued after the Conference.

Changes/Amendments

Alterations to, or cancellations of your Conference booking must be advised to the Conference Secretariat via email at simtect2007@consec.com.au or fax to +61 2 6251 0672.

Due to administrative requirements, changes and/or alterations advised verbally cannot be accepted.

Conference Venue

The Brisbane Convention and Exhibition Centre is in an enviable location with many of Australia's top tourism and natural attractions on its doorstep. In the heart of Brisbane is the **South Bank Precinct**, an urban leisure and recreational venue unlike any other in the world. The Centre is conveniently located in this 17 hectare riverside 'city oasis', unique for its focus on creative, cultural, entertainment and lifestyle activities. Delegates can relax and enjoy South Bank's many attractions, including:

- a beach in the city heart
- tropical lagoons
- rainforest walk
- restaurants and cafes
- stylish shops and weekend markets
- galleries and museums.

Telephone +61 7 3308 3000

Disclaimer

The Conference program and registration information is correct at the time of printing. However, the organisers reserve the right to change the information where necessary without notice.

Dress

Recommended dress for the Conference is:

ADF Uniformed Personnel: Dress of the day or equivalent business attire for Conference sessions. Mess kit, dress of the day or lounge suit for the Conference dinner. Smart casual attire for other social events.

Civilians: Casual business attire for Conference sessions. Lounge suit for the Conference dinner. Smart casual attire for other social events.

Liability Waiver

In the event of industrial disruptions, the Conference and the organisers accept no responsibility.

No-Smoking Policy

Smoking is not permitted anywhere within the Centre building. It is the policy of the Brisbane Convention & Exhibition Centre in accordance with the Queensland State Government Legislation.

In addition, smoking is not permitted within four metres of any building entry or door and is not permitted at any external catering area.

Partners Program

To really experience the best of Brisbane, take a few tours or day-trips to explore the greater Brisbane region. Within one hour of Brisbane, all compass points lead to a spectacular array of unique Australian experiences. Sitting on the edge of Brisbane you will find some of the country's most well-loved tourist attractions and a few hidden secrets that are sure to impress!

For further information or bookings: Phone: +61-7-3006-6290 and ask for Janet or Fiona (please quote "SimTecT 2007")
Email: simtect2007@brisbanemarketing.com.au

Personal Insurance

Delegates shall be regarded in every aspect as carrying their own risk for loss or injury to person or property, including baggage during the Conference. We strongly recommend that at the time of booking your travel and tours you take out a travel insurance policy of your choice.

The policy taken should include the loss of deposit through cancellation, medical insurance, loss or damage to personal property, financial loss incurred through disruptions to accommodation or travel arrangements due to strikes or other industrial action. The organisers are in no way responsible for any claims concerning insurance.

Privacy Clause

In registering for this Conference, relevant details will be incorporated into a delegate list for the benefit of all delegates (name and organisation only), and may be made available to parties directly related to the Conference including Consec – Conference Management, the Simulation Industry Association of Australia (SIAA), the Conference Organising Committee, venues and accommodation providers (for the purposes of room bookings and Conference options), key sponsors (subject to strict conditions) and parties associated with related Conferences.

By completing this registration form, you acknowledge that the details (name, organisation and state) supplied by you may be used for the above purposes. Should you not wish for your details to be used for

these purposes, please tick the appropriate box on the registration form. For further details, see www.siaa.asn.au

Registration Desk

The Conference Registration Desk will be situated outside the Great Hall and staffed as follows:

Monday 4 June	0800–1900
Tuesday 5 June	0800–1700
Wednesday 6 June	0800–1700
Thursday 7 June	0800–1400

Special Needs

We endeavour to ensure delegates with special needs are catered for. Should you require particular assistance, please make a note on your registration form or contact the Conference Secretariat by fax: +61 2 6251 0672 or email: simtect2007@consec.com.au

Transport from the Airport

Please see below for various transport options to and from the airport/Brisbane Convention Centre.

- **Shuttle Buses** – Depart regularly. Call Coachtrans on: +61 7 3238 4700.
- **Airtrain** – Operates every 30 minutes from approximately 6.00am to 7.00pm every day. It is a 22 minute train trip to Central station. A one-way single adult ticket costs just \$12.00. You can book online at www.airtrain.com.au and find out more information regarding the Airtrain.
- **Taxi** – At Brisbane's Domestic Terminal, taxi ranks are located at both the Qantas and Virgin Blue ends of the terminal. The taxi rank at the International Terminal is on Arrivals level 2. The approximate cost of a taxi fare to the venue is \$35.

Travel

Qantas is the official carrier for the SimTecT 2007 Conference. Book online with Qantas and save time and money. Online airfares are cheaper than booking over the phone. Plus, you'll have access to all the latest fares.



To book log on to: www.qantas.com.au/content/dyn/conference/simJun07

Benefits of using the Qantas Conference online fares:

- dedicated Event Webpage
- competitive fares
- 24 hour access to flight bookings
- flexibility
- accrual of Frequent Flyer points on flown Qantas services only
- recognition
- easy access to Qantas online information.

Visa Requirements

If you are visiting Brisbane from any overseas country you'll need a visa for Australia. If you are from New Zealand a visa will be issued on arrival in Australia. If you're from any other country you'll need to obtain a visa in advance.

Website

Please check the SimTecT website for regular Conference updates and **online registration** at: www.simtect.com

Saville South Bank ★★★★★

161 Grey Street
SOUTH BRISBANE QLD 4101

Studio Apartment \$231.00 per night
(room only)

Check in: 1400 **Check out:** 1100

Located adjacent to the Brisbane Convention & Exhibition Centre, the Saville Southbank is perfectly located to attract both corporate and leisure travellers. The hotel features a restaurant with al fresco dining and bar, as well as lap pool and gymnasium. Saville South Bank is 15km from the Brisbane Airport and should cost approximately \$35.00 in a taxi fare.

Rydges South Bank ★★★★★

Glenelg Street
SOUTH BANK QLD 4101

Standard Queen Room \$215.00 per night
(incl 1 x breakfast)

Check in: 1400 **Check out:** 1100

Rydges South Bank is located in the heart of Brisbane's arts and entertainment precinct. The hotel is next door to the Brisbane Convention & Exhibition Centre and downtown Brisbane is a 10-minute stroll away. Rydges South Bank is 15km from the Brisbane Airport and should cost approximately \$35.00 in a taxi fare.

Hotel Ibis Brisbane ★★★★★

27-35 Turbot Street
BRISBANE QLD 4000

Standard Queen/Twin Room \$119.00 per night
(3 June) (room only)

Standard Queen/Twin Room \$139.00 per night
(4 June) (room only)

Standard Queen/Twin Room \$159.00 per night
(5, 6 & 7 June)
(room only)

Check in: 1400 **Check out:** 1100

Hotel Ibis Brisbane is conveniently located in the city centre, within 15-minutes walking distance to the Queen Street Mall shopping precinct and Brisbane Convention & Exhibition Centre. The hotel has recently completed a major refurbishment and features a restaurant and bar. The Hotel Ibis is 15km from the Brisbane Airport and should cost approximately \$35.00 in a taxi fare.

Diana Plaza Hotel ★★★★★

12 Annerley Road
WOOLLOONGABBA QLD 4102

Deluxe Standard Room \$145.00 per night
(room only)

Check in: 1400 **Check out:** 1000

The Diana Plaza Hotel is one of Brisbane's more stylish 4 star boutique hotels within 15-minutes walking distance to the Brisbane Convention & Exhibition Centre and Brisbane's city centre. The hotel is 20km from the Brisbane Airport and costs approximately \$40.00 in a taxi fare.

The Mercure Hotel ★★★★★

85-87 North Quay Street
BRISBANE QLD 4000

Superior City Room \$159.00 per night
(3 & 4 June) (room only)

Superior City Room \$189.00 per night
(5, 6 & 7 June) (room only)

Superior River Room \$189.00 per night
(3 & 4 June) (room only)

Superior River Room \$219.00 per night
(5, 6 & 7 June) (room only)

Check in: 1400 **Check out:** 1100

Mercure Hotel Brisbane is in the heart of the city, with spectacular views of the river and Southbank Parklands. The hotel features a swimming pool, restaurant and two bars. The hotel is approximately a 10-minute walk to the Brisbane Convention & Exhibition Centre and only a few minutes walk to Brisbane's Queen Street shopping mall. The Mercure Hotel is 15km from the Brisbane Airport and should cost approximately \$35.00 in a taxi fare.

Full Registration

- Welcome Reception
- Conference Dinner
- Morning/afternoon teas and lunches
- Admission to all Conference sessions
- Admission to trade exhibition
- Delegate listing, and
- Satchel including name badge, Conference handbook/program and Conference proceedings

Student Registration

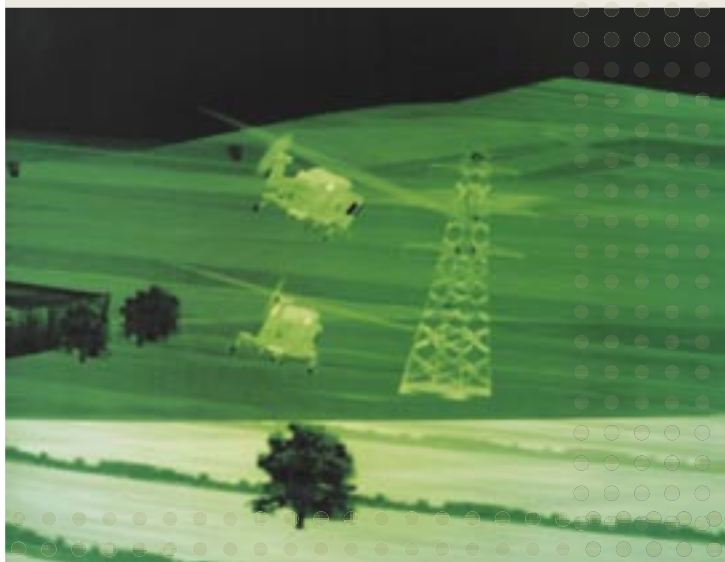
- Morning/afternoon teas and lunches
- Admission to all Conference sessions
- Admission to trade exhibition
- Delegate listing, and
- Satchel including name badge, Conference handbook/program and Conference proceedings

Day Registration

- Morning/afternoon tea and lunch on a nominated day
- Admission to all Conference sessions on a nominated day
- Admission to trade exhibition
- Delegate listing, and
- Satchel including name badge, Conference handbook/program and Conference proceedings

Workshops (Monday)

- Morning and/or afternoon tea
- Lunch
- Course notes for the nominated workshop
- Admission to trade exhibition





SimTect 2007 is held under the auspices of the
Simulation Industry Association of Australia (SIAA) Ltd
ABN 13 087 862 619

SimTect 2007

Contact Details

Registration Form

Title (Prof/Dr/Mr/Ms/Rank)		Given Name	
Surname			
Preferred Name for Badge			
Position in Organisation			
Department/Organisation			
Postal Address			
Suburb		State	Postcode
Telephone (w)		Facsimile	
Mobile		Email	
Special Requirements (dietary or otherwise)			
Conference Proceedings (included in Full Registration Fee) — please specify one format only: <input type="checkbox"/> Printed Copy or <input type="checkbox"/> CD Rom			

Accommodation (prices include GST)

Type of accommodation required:			
<input type="checkbox"/> Single	<input type="checkbox"/> Double	<input type="checkbox"/> Twin	<input type="checkbox"/> Smoking <input type="checkbox"/> Non smoking
**Please note: The above is available subject to the time your registration form is received and availability with the hotel at time of check in. We will endeavour to meet you requests, however we are unable to guarantee this.			
Arrival date		Departure date	
Estimate time of arrival			
I wish to share accommodation with			
SAVILLE SOUTH BANK ★★★★★		HOTEL IBIS BRISBANE ★★★★★	
<input type="checkbox"/> Studio Apartment	\$231.00 per night (room only)	<input type="checkbox"/> Standard Queen/Twin Room	\$119.00 per night (3 June, room only)
RYDGES SOUTH BANK ★★★★★		<input type="checkbox"/> Standard Queen/Twin Room	\$139.00 per night (4 June, room only)
<input type="checkbox"/> Standard Queen Room	\$215.00 per night (incl 1 x breakfast)	<input type="checkbox"/> Standard Queen/Twin Room	\$159.00 per night (5, 6 and 7 June, room only)
DIANA PLAZA HOTEL ★★★★★			
<input type="checkbox"/> Deluxe Standard Room	\$145.00 per night (room only)		
THE MERCURE HOTEL ★★★★★			
<input type="checkbox"/> Superior City Room	\$159.00 per night (3 and 4 June, room only)		
<input type="checkbox"/> Superior City Room	\$189.00 per night (5, 6 and 7 June, room only)		
<input type="checkbox"/> Superior River Room	\$189.00 per night (3 and 4 June, room only)		
<input type="checkbox"/> Superior River Room	\$219.00 per night (5, 6 and 7 June, room only)		
Accommodation Cancellation/Refunds			
Delegates who cancel their accommodation booking must inform the Conference Secretariat in writing of their cancellation before Friday 27 April 2007 . No refunds for accommodation cancellations will be made after that date. Refunds will be issued after the Conference.			

Payment details

All prices are in Australian Dollars and include GST

Registration

<input type="checkbox"/> Full Registration Early Bird Fee (received <u>before</u> 27 April 2007)	\$895.00
<input type="checkbox"/> Full Registration Fee (received <u>after</u> 27 April 2007)	\$995.00
<input type="checkbox"/> Student Registration* (proof of full-time status required)	\$275.00
<input type="checkbox"/> Day Registration*	\$495.00

Please nominate which day you will attend:
 Monday (Workshops only) Tuesday Wednesday Thursday

*Dinner and Welcome Reception **not** included in Student or Day Registration Fee

REGISTRATION SUB-TOTAL \$ _____

Hotel Deposit

<input type="checkbox"/> Hotel Deposit or Full Pre-payment (one night's accommodation minimum)	ACCOMMODATION SUB-TOTAL \$ _____
--	----------------------------------

To secure your accommodation booking, please include with your registration payment, a deposit equivalent to one night's accommodation by 27 April 2007.

Yes I agree to my credit card details being forwarded to the hotel to guarantee my reservation.

Please note your credit card details are required to guarantee your room. Neither Consec — Conference Management nor the hotel will make any charges against your credit card unless you fail to give sufficient notice in writing of your cancellation to the Conference Secretariat.

Social Program

For catering purposes, please indicate if you are attending these functions:

Welcome Reception (incl in Full Registration Fee)

Conference Dinner (incl in Full Registration Fee)

Additional Tickets

<input type="checkbox"/> Golf Day	
<input type="checkbox"/> Defence and SIAA Member	\$90.00
<input type="checkbox"/> Non-SIAA Members	\$100.00
<input type="checkbox"/> Welcome Reception	\$66.00
<input type="checkbox"/> Social Evening	\$110.00
<input type="checkbox"/> Conference Dinner	\$125.00

SOCIAL PROGRAM SUB-TOTAL \$ _____

Workshops (Monday)

am	pm			
■	<input type="checkbox"/>	1. SIAA Introduction to Simulation in Australia	\$295.00	
■	<input type="checkbox"/>	2. Simulation Support to Developing the Force and Capability Management	\$295.00	
	■	<input type="checkbox"/>	3. Using Simulation in a Training Environment	\$295.00
	■	<input type="checkbox"/>	4. Training Needs Analysis for Simulation Systems	\$295.00
■	■	<input type="checkbox"/>	5. Simulation for Analysis – How to Define the Need and the Simulation Requirements	\$495.00
	■	<input type="checkbox"/>	6. Network and Communications Simulation – Applications, Tool and Techniques	\$295.00
	■	<input type="checkbox"/>	7. Simulation Support to Operations	\$295.00
■	<input type="checkbox"/>	8. Human Factors – an Introduction	\$295.00	
■	<input type="checkbox"/>	9. Visualisation Systems – How and When to Use Them	\$295.00	
	■	<input type="checkbox"/>	10. Given a Problem, Which Simulation Technique(s) or Method(s) Should You Choose to Solve It?	\$295.00

WORKSHOPS SUB-TOTAL \$ _____

Site Visits

<input type="checkbox"/> Alteon's Aviation Training Facility	\$44.00
<input type="checkbox"/> Aviation Australia	\$44.00
<input type="checkbox"/> Queensland Rail and Vigil Systems	\$44.00
<input type="checkbox"/> Auran Games	\$44.00
<input type="checkbox"/> Queensland Health Skills Development Centre	\$44.00
<input type="checkbox"/> VR Solutions	\$44.00

SITE VISITS SUB-TOTAL \$ _____

GRAND TOTAL \$ _____

Symposium (Thursday)

Simulation Technology and Homeland Security Symposium

Please tick box to register your attendance.

Method of Payment

Cheque

Please make cheques payable in Australian dollars to **SimTecT 2007 Conference** and mail to:

SimTecT 2007 Conference Secretariat
PO Box 3127 Belconnen Mail Delivery Centre ACT 2617 Australia

**Conference Secretariat: Consec — Conference Management as agent for Simulation Industry Association of Australia Limited
ABN 13 087 862 619*

Credit card

Mastercard Visa Amex Diners

Cardholder's Name (please print)

Card Number Expiry Date /

Signature

Electronic Funds Transfer

Bank: National Bank
Account name: SimTecT 2007 Conference
Branch: Canberra City, ACT
BSB No: 082 902
Account No: 799018139

Transaction Reference Number:

PLEASE NOTE: A remittance advice must be faxed through once payment has gone through, fax + 61 2 6251 0672.

Cancellations/refunds

Delegates who find themselves unable to attend the Conference after submitting a registration form are most welcome to nominate a substitute. In the case of a cancellation, delegates must inform the Conference Secretariat in writing of their inability to attend. A refund of registration fees, less a cancellation fee of \$110.00 including GST will be made on or before **Friday 27 April 2007**. No refunds will be made after that date.

Disclaimer

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Privacy

Please indicate here if you do not want your details published in the delegate listing or added to the SIAA's mailing list

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Simulation Industry Association of Australia (SIAA) Ltd
ABN 13 087 862 619

Conference Secretariat

consec 

Consec – Conference Management

PO Box 3127

BMDC ACT 2617

Tel: +61 2 6251 0675

Fax: +61 2 6251 0672

Email: simtect2007@consec.com.au

Conference Manager

Barry Neame

Senior Conference Coordinator

Savita Khiani

Registration Coordinators

Lorissa Hansen

www.simtect.com