



www.simtect.com



**MINING AND
CONSTRUCTION
SYMPOSIUM**

in association with

**SimTect
2007**

**SIMULATION FOR TRAINING –
TODAY, TOMORROW**

Monday 4 and Tuesday 5 June 2007

Brisbane Convention and Exhibition
Centre, Brisbane, AUSTRALIA



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

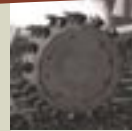
Invitation to Attend

SimTecT 2007, the Australasian region's premier simulation Symposium and trade exhibition, will offer a one-day symposium for the Mining and Construction Industries on Monday 4 June at the Brisbane Convention Centre.

Hosted by Queensland's Mining Industry Skills Centre, and Construction Training Centre, the Symposium is a major strategy for introducing simulation to a range of challenges facing the industries including:

- Safety enhancement
- Skills shortfall
- Skills development
- Drive for efficiency
- Integrating simulators into an organisation.

From Tuesday 5 June to Thursday 7 June, SimTecT will continue with Mining / Construction workshops, and Keynote Speakers, papers and site visits relating to Defence, Transport, Security and Serious Games.



Aims

The Symposium will:

- Demonstrate the benefits of using simulators for training in other industries, and the mining/construction industry.
- Assist participants to see how these benefits apply to their organizations.
- Describe the pitfalls and lessons learnt.
- Facilitate the establishment of a stakeholder group to further this industry development.

Who Should Attend

Training and General Managers, Curriculum developers, training providers, engineers.

Symposium Organising Committee

Derek Hunter	Mining Industry Skills Centre
Phil Diver	The Construction Training Centre
Peter Hill	Simulation Industry Association of Australia
Deanna Christoff	Mining Industry Skills Centre

Symposium Secretariat



Consec – Conference Management
PO Box 3127
BMDC ACT 2617 Australia

Telephone: +61 2 6251 0675
Facsimile: +61 2 6251 0672
Email: symposium@consec.com.au

Symposium Manager: Barry Neame
Symposium Senior Coordinator: Savita Khiani

For further details on the symposium please visit the website at www.simtect.com



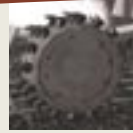
Images courtesy of 5DT (Fifth Dimension Technologies)

The program includes:

- Plenary sessions
- Short interactive workshop groups
- Case studies from other industries
- Attendance at the SimTecT Welcome Reception (Monday 4 June 2007, 5.00pm)

Simulation has a strong link to operator training; almost everyone has heard of, seen or used a simulator to learn how to drive a haul truck. But what are the other opportunities for this modern age technology? This session aims to explore the vast array of possible uses for simulators within the industry training arena. Learn from the experiences of others, leading in the field of simulation. Take a glimpse at what's in the future, whilst letting your imagination explore where this technology may allow you to grow.

8:30 am – 8:45 am	Registration & Refreshments	
8:45 am – 9:00 am	Welcome	Derek Hunter/Phil Diver
9:00 am – 10:30 am	What is the future of simulation? Imagine it's 2012 – how do our leading suppliers and mature industries envisage simulation for the mining and construction industries? What can they reveal about innovative developments, new products, technological innovations?	Leading simulation suppliers and a mature industry: Defence Paul Olckers (5DT - Fifth Dimension Technologies)
10:30 am – 10:45 am	Morning Tea	
10:45 am – 11:00 am	Introduction to Simulation Define “what is simulation” and how it is being used in Australia.	Peter Hill (Simulation Industry Association of Australia)
11:00 am – 12:30 pm	Panel Session: Case Study – Health / Aviation / Mines Rescue / Rail Learn from a panel of leading practitioners in industry-based simulation about how this technology is making a difference for their workforce. What were the drivers for simulation? How was simulation implemented? How could simulation be implemented in the mining/civil industries? What would they do differently?	Facilitator: Deanna Christoff (Mining Industry Skills Centre) Phil Diver (CTC - Health) Philip Swadling (Thales - Aviation) Phil Stothard (University of New South Wales, School of Mining Engineering) Tony Mildred (CERT - Rail)
1:00 pm – 1:30 pm	Lunch	
1:30 pm – 3:30 pm	Workshop – what can we do with simulation? Explore new trends in simulation and participate in an emergency response scenario and subsequent think tank on how the mining and civil construction industries can apply these ideas and technologies to our training.	Gary Eves (VR Solutions) Deanna Christoff (Mining Industry Skills Centre)
3:30 pm – 3:45 pm	Afternoon Tea	
3:45 pm – 4:30 pm	Vision for a Centre of Excellence	Derek Hunter (Mining Industry Skills Centre) Phil Diver (Construction Training Centre)
5:00 pm – 7:00 pm	SimTecT 2007 Welcome Reception	



TUESDAY
5 JUNE

Additional Symposium Workshops

The workshops noted below are not included in the registration fee.
Please make your selection on the **registration form** noting the additional workshop costs.

Using Simulation in a Training Environment

0830–1230

Lecturer

Dr Elysebeth 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

Visualisation Systems – how and when to use them

1330–1700

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

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)

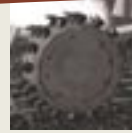
Superior City Room \$189.00 per night
(5, 6 & 7 June) (room only)

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.



Social Program

Welcome Reception

- Date** Monday 4 June 2007
- Time** 1700-1900
- Venue** SimTecT Trade Exhibition Area
The Great Hall
Brisbane Convention Centre
- Cost** Included in Full Registration Fee
- Dress** Smart Casual

Exhibition

The exhibition provides an opportunity to see the latest technologies and practices from the Mining, Defence, Manufacturing and Serious Games sectors.

If you wish to exhibit at SimTecT, please see the web-site, and contact the Symposium Secretariat: symposium@consec.com.au

Registration Fee Inclusions

Monday Registration

- Welcome Reception (Monday 4 June 2007)
- Morning/afternoon tea and lunch on the day of the Symposium [Monday]
- Admission to all Symposium sessions [Monday]
- Admission to trade exhibition on Monday
- Delegate listing
- Satchel including name badge, Symposium handbook with Program

****Note:** The Tuesday program consists of two workshops, charged separately. Please see the registration form for details.



Images courtesy of 5DT (Fifth Dimension Technologies)

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 Mining and Construction Symposium. 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 Symposium 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.

Symposium 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: symposium@consec.com.au

Symposium Manager: Barry Neame
Symposium Senior Coordinator: Savita Khiani

Cancellation and Refund Policy

Delegates who find themselves unable to attend the Symposium after submitting a registration form are most welcome to nominate a substitute. In the case of a cancellation, delegates must inform the Symposium 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 4 May 2007. Refunds will be issued after the Symposium.

Changes/Amendments

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

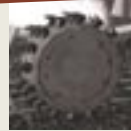
Due to administrative requirements, changes and/or alterations advised verbally cannot be accepted.

Symposium 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 Symposium 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.

Liability Waiver

In the event of industrial disruptions, the Symposium 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.

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 Symposium. 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 Symposium, 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 Symposium including Consec - Conference Management, the Simulation Industry Association of Australia (SIAA), the Symposium Organising Committee, venues and accommodation providers (for the purposes of room bookings and Symposium options), key sponsors (subject to strict conditions) and parties associated with related Symposia.

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

Monday 4 June	8.00am – 7.00pm
Tuesday 5 June	8.00am – 5.00pm

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 Symposium Secretariat by fax: +61 2 6251 0672 or email: symposium@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 from.

Website

Please check the SimTecT website for regular Symposium updates at: www.simtect.com

Monday 4 and Tuesday 5 June 2007

Brisbane Convention and Exhibition Centre, Brisbane, Australia

SimTect 2007

Contact Details

SIMULATION FOR TRAINING – TODAY, TOMORROW

Registration Form

Title (Prof/Dr/Mr/Ms/Rank)	Given Name	
Surname		
Preferred Name for Badge		
Organisation (if applicable)		
Department (if applicable)		
Postal Address		
Suburb	State	Postcode
Telephone (w)	Facsimile	
Mobile	Email	
Special Requirements (dietary or otherwise)		

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 your 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 ★★★★★ <input type="checkbox"/> Studio Apartment \$231.00 per night (room only)	RYDGES SOUTH BANK ★★★★★ <input type="checkbox"/> Standard Queen Room \$215.00 per night (incl 1 x breakfast)	HOTEL IBIS BRISBANE ★★★★★ <input type="checkbox"/> Standard Queen/Twin Room \$119.00 per night (3 June, room only)	<input type="checkbox"/> Standard Queen/Twin Room \$139.00 per night (4 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 View Room \$159.00 per night (3 and 4 June, room only)	<input type="checkbox"/> Standard Queen/Twin Room \$159.00 per night (5, 6 and 7 June, room only)	Accommodation Cancellation/Refunds <i>Delegates who cancel their accommodation booking must inform the Symposium 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 Symposium.</i>
<input type="checkbox"/> Superior City View Room \$189.00 per night (5, 6 and 7 June, room only)	<input type="checkbox"/> Superior River View Room \$189.00 per night (3 and 4 June, room only)		
<input type="checkbox"/> Superior River View Room \$219.00 per night (5, 6 and 7 June, room only)			

Hotel Deposit

<input type="checkbox"/> Hotel Deposit or Full Pre-payment (one night's accommodation minimum) <i>To secure your accommodation booking, please include with your registration payment, a deposit equivalent to one night's accommodation by 27 April 2007.</i>	ACCOMMODATION SUB-TOTAL \$ _____
<input type="checkbox"/> Yes I agree to my credit card details being forwarded to the hotel to guarantee my reservation. <i>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 Symposium Secretariat.</i>	



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