

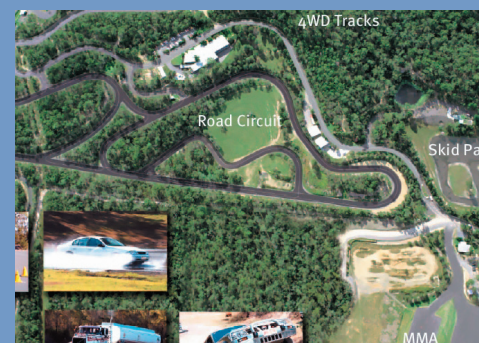
Registration

EARLY BIRD
CLOSES
31 MARCH
2011



3rd International
Road Surface Friction Conference
Safer Road Surfaces – Saving Lives

15 -18 May 2011
Hyatt Regency Sanctuary Cove
Queensland, Australia



In Association With:

Conferences endorsed by:



NZ TRANSPORT AGENCY
WAKA KOTAHI





About the Conference



3rd International
Road Surface Friction Conference
Safer Road Surfaces – Saving Lives

Below is a list of countries that represent the accepted abstracts (subject to change depending on accepted papers) for the conference.

- Australia
- Argentina
- Brazil
- Chile
- China
- France
- Germany
- India
- Iran
- Israel
- Italy
- New Zealand
- Spain
- Sweden
- Thailand
- United Kingdom
- United States of America.

We believe this is a unique opportunity for those within the industry to be involved as this particular conference is not scheduled to be held in Australia for some time.

ARRB Group is hosting the 3rd International Road Surface Friction Conference (15-18 May 2011) on the Gold Coast, Australia in association with the New Zealand Transport Agency and WDM.

The theme of the Conference is Safer Road Surfaces – Saving Lives reflecting the undoubted contribution that effectively managing road surface friction can make to achieving positive road safety outcomes.

It will focus on the importance of internal and external partnerships in effectively managing skid resistance at a road network level, as well as more traditional issues associated with the collection of data and the specification of materials.

The Conference will provide opportunities for delegates to network, share industry knowledge and exchange research information. It is anticipated that between 300 and 400 local, interstate and international delegates will be attending the Conference.

Seeing is believing!

One of the highlights of the conference will be held at Queensland Government's Mount Cotton test track on Day 3 of the Conference. Delegates will be able to witness and, in a number of cases, experience some of the key concepts and underlying principles of road surface friction, across a range of different vehicle types.

Who should attend:

- asset management practitioners
- road safety and traffic management practitioners
- crash investigators and reconstructionists
- road designers
- equipment suppliers
- survey contractors
- materials suppliers
- road related researchers, academics and experts
- maintenance contractors
- road user interest and advocacy groups
- vehicle dynamics specialists and vehicle designers
- legal practitioners
- young engineers, graduates and those new to road engineering
- road authority management and Councilors.



The venue

The Gold Coast is Australia's most biologically diverse city. Located in south-east Queensland, 80 km from the State Capital Brisbane, the Gold Coast is Australia's sixth largest city, and one of its fastest growing communities.

The Conference Venue
Hyatt Regency
Manor Circle
Sanctuary Cove Resort
Gold Coast
Queensland, Australia 4212

The resort's location, vast range of facilities and professional service combine to make Hyatt Regency Sanctuary Cove an ideal conference location.

Dedicated meeting, conference and banquet facilities are available and the hotel has onsite technical events professionals who provide outstanding service and audio-visual technology.

Location

Hyatt Regency Sanctuary Cove is set in the heart of Australia's most exclusive 100-acre, fully integrated Gold Coast resort, Sanctuary Cove. The resort has an abundance of native flora and fauna.

Climate

May is Autumn in Queensland with generally moderately warm weather. The temperature usually ranges from a minimum of 16°C at night to a maximum of 26°C during the day (61°F minimum, 71°F maximum).





Program Summary

Please note this is a draft program, subject to change. Further information will be available on the conference website www.friction2011.com.au as the program develops.

Day 1 – Sunday 15th May 2011

4.00pm - 6.30pm	Registration Official Delegate Welcome – Peter Damen , General Manager, Research and Consulting, ARRB Group Trade Exhibition Opening at 5pm – John Gardiner , Chairman WDM Ltd
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Day 2 – Monday 16th May 2011

8.00am – 9.00am	Registration and coffee		
9.00am – 10.30am	<p>Welcome to Land - acknowledgement of the traditional indigenous land owners Opening Ceremony</p> <p>Official Welcome – Gerard Waldron, Managing Director, ARRB Group</p> <p>Keynote addresses: Rob McInerney, Chief Executive Officer for the international Road Assessment Programme (iRAP) - Road surface condition parameters in iRAP now and in the future</p> <p>Superintendent Paula Rose, National Road Police Manager, NZ Police – Skidding related crashes and issues – real life stories and value of partnerships</p> <p>Paul Hillier, National Technical Leader – Incident Investigations and Strategic Reviews, ARRB Group – Looking back to the 2008 conference – a reminder of the identified objectives and expectations for the 2011 conference</p>		
10.15am - 10.35am	Morning tea		
11.00am – 12.30pm	Technical Session 1 Skid Resistance Strategy and Objectives	Technical Session 2 Materials (1)	
12.30pm – 1.30pm	Lunch		
1.30pm - 3.00pm	Technical Session 3 Asset management benefits	Technical Session 4 Measurement, Data Processing, Data Analysis, Seasonal Variation	Technical Session 4a International perspectives
3.00pm – 3.05pm	Briefing for Mt Cotton Test Day	Briefing for Mt Cotton Test Day	
3.05pm – 3.30pm	Afternoon Tea		
3.30pm - 5.00pm	Technical Session 5 Asset management processes	Technical Session 6 Crash case studies and legal	Technical Session 6a Materials (2)



Mount Cotton Test Track Day 3 – Tuesday 17th May 2011

8.00am	Depart for Mount Cotton Training Centre (Buses provided)
9.00am – 9 30am	Welcome – Julie Mitchell , Acting Chief Engineer, Department of Transport and Main Roads, Queensland. Activities, objectives, and OH&S procedures of the Track Day – Mark Owen , Operations Manager, Wellington, NZ Transport Agency
9.30am – 10.15am	Group demonstration Incident Investigation - tips of trade on analysis of scene, collection of data, taking photos etc
10.15am – 10.35am	Morning Tea
10.35am – 11.20am	Group demonstration of truck and motorcycle braking and manoeuvring – braking mechanisms and unique handling factors explained by experienced crash investigator / vehicle dynamics expert
11.20am – 11.30am	Delegates coordinated in their assigned groups
11.30am – 3.00pm	Rotation of delegates through break out group activities (change every 30 - 40 mins). A more detailed program of activities will be available closer to the date –check the website www.friction2011.com.au Lunch provided during rotations
3.00pm – 3.30pm	Light afternoon tea Summary of track activities– What did we find out /anything to examine in the future
3.30pm – 3.45pm	Depart back to conference venue (Buses provided)
7.00pm	Conference Dinner (Hotel venue)

Group activity rotations will include (subject to change):

- observing a crash investigation demonstration with an experienced investigator
- undertaking a skills test in visually assessing the speed of various moving vehicles
- being informed about the functionality of braking systems in heavy vehicles (buses and trucks) and motorcycles
- observing 'skid to stop' straight line braking with a range of vehicles
- observing straight line braking in ABS and non-ABS vehicles, in both wet and dry road conditions
- observing the practical effects of differential friction on straight line braking, using various cars (new and old, with/without ABS)
- observe mobile test devices in controlled road test environments supplement with hands-on static displays
- observing the use of various items of static test equipment, as well as having an opportunity to 'talk materials' with industry experts
- learning about vehicle safety control devices (e.g. ABS, traction control, ESC etc.) and the basics of tyre technology to gain an understanding of how these items help to save lives, and significantly, what is coming in the future.



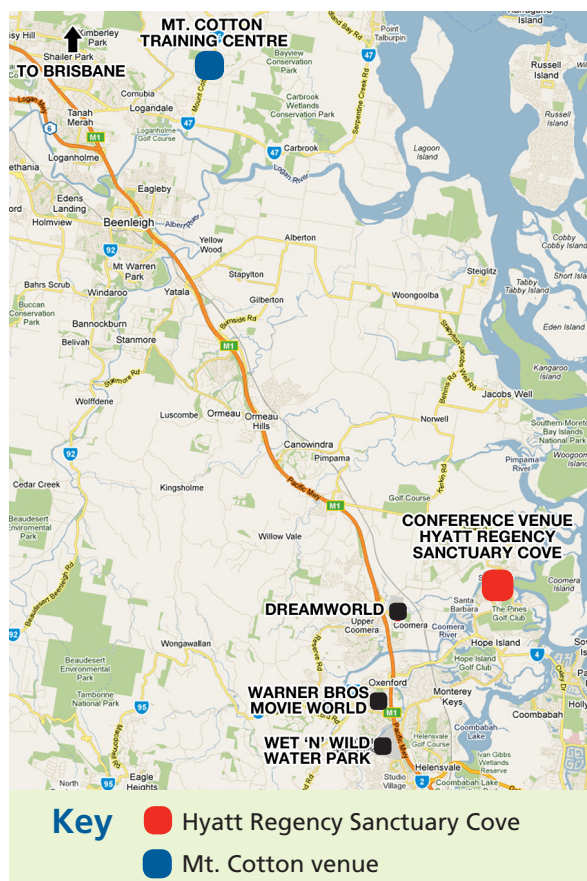
Program Summary

Day 4 – Wednesday 18th May 2011

8.00am -9.00am	Registration and coffee	
9.00am - 10.15am	Special address: The Honourable Craig Wallace MP , Queensland Minister for Main Roads	
	Keynote addresses: Rob Klein , Regional Programme Director, Asia, GRSP – A decade of road safety (2010 – 2020)	
	Matthew Lugg , Director of Environment & Transport, CSS UK – Local government collaboration	
	Fabian Marsh , National Traffic & Safety Manager, NZTA – A vision for the future / partnerships in NZ	
10.30am - 11.00am	Morning tea	
11.00am – 12.30pm	Technical Session 7 Identifying and Meeting Friction Demand	Technical Session 8 Tyre-Road Interface
12.30pm – 1.30pm	Lunch	
1.30pm – 2.30pm	Technical Session 9 Achieving positive road safety outcomes	
2.30pm – 3.30pm	Technical Session 10 Partnerships in practice	
3.30pm - 4.00pm	Summary of the Conference by Chris Kennedy, Director WDM Did the conference meet its objectives, summary of issues, looking ahead to 2014 Invitation to attend in 2014 in UK and official close	
4.00pm	Conference close	



Venue Guide



Airport to Door (AirtrainConnect)

AirtrainConnect is a premium service for getting you from either of Brisbane Airports to the door of your Gold Coast destination. AirtrainConnect can also serve you if you need to travel from the Gold Coast to the Airport.

AirtrainConnect involves a train ride then chauffeured transfer to your accommodation. When you arrive at Brisbane airport, staff in the terminal will direct you to the train. You will travel to Helensvale station, where you disembark. Your chauffeured driver will be waiting holding a sign with your name. Once luggage has been collected you will continue this journey to your Sanctuary Cove accommodation.

The availability of AirtrainConnect is limited to standard train operating hours. Bookings that begin at the Gold Coast need to be made at least 24 hours in advance.

Book online to save 10%:

http://www.airtrain.com.au/products_airtrainconnect.php

Public transport information

Buses and trains run between Brisbane airports and the Gold Coast. There are also many public transport options which can get you around the Gold Coast. View more information and timetables here: www.translink.com.au.

Parking information

The hotel offers valet parking and outdoor parking facilities.

Distances from venue

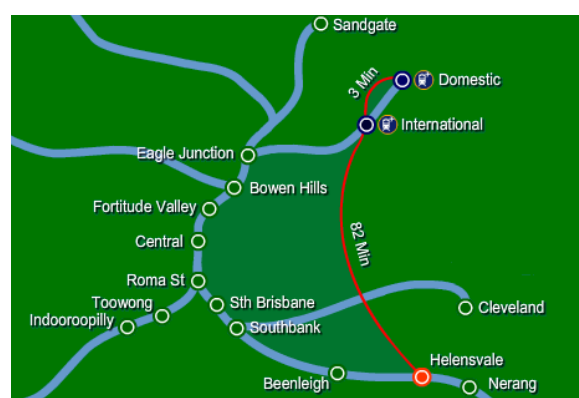
The resort is 1 hour drive south from Brisbane International and Domestic Airports. Coolangatta Airport is approximately 45 minutes' drive north to the resort.

Brisbane Airport to the Hotel

- Turn left onto the Gateway Arterial Road and pass through the electronic toll (no manual payment option available). Note: if you don't have a electronic toll device in your vehicle you can call the 1300 046 842 or visit www.govia.com.au to make payment to avoid penalties.
- Follow the Pacific Highway for approximately 30 km, then turn left at exit 57
- Follow the signs to Sanctuary Cove.

Coolangatta Airport to the Hotel

- Follow the Pacific Highway northbound
- Keep following the highway, then turn left at exit 57
- Follow the signs to Sanctuary Cove.



Type	Adult#	Child**	Family**
Single	\$45.00	\$22.00	\$90.00
Return	\$85.00	\$40.00	\$170.00

* The family fare is for 2 adults and 2 children.

** One child travels free with each paying adult, for any additional children the child's price will apply.

Fares subject to change



Mount Cotton Track Day Information



Mount Cotton track
day supported by
Department of
Transport & Main
Roads



Purpose of the Mount Cotton test track day

The aim of the test day is for delegates to witness and experience first-hand a number of activities to either reinforce or challenge a number of the long term held concepts in the technical field of skidding resistance. This is a unique feature of the conference.

About Mount Cotton training facilities

Ideally located between the Gold Coast and Brisbane, Mount Cotton Training Centre is located in 48 hectares (110 acres) of natural bushland, devoid of any distractions. Only a short drive, 30 minutes, from Brisbane's International and domestic airports or 35 minutes from Surfers Paradise on the Gold Coast.

Managed and owned by Queensland Department of Transport and Main Roads, the Mount Cotton Training Centre comprises six purpose built driving facilities providing a safe and secure environment to conduct driver education training for a wide range of vehicles. The facilities include a 4WD off road track, Skid Pan, Large Vehicle Manoeuvring Area, Circuit, Motorcycle Manoeuvring Area and Vehicle Manoeuvring Area.

Important information

Occupational Health and Safety requirements - Delegates arriving on buses will be reminded of basic OH&S requirements shortly before arriving at venue, and once inside the venue.

Delegates are permitted to be passengers in test vehicles, where applicable, but must wear seat belts and obey all reasonable instructions from the driver.

What to wear - Sturdy, fully covered-in footwear essential. Comfortable clothing – jeans, casual shirts, rain jacket (depending on the weather). Sun hat / baseball cap essential. Water, sunscreen and insect repellent will be provided at the venue.

Delegates will be provided with a checklist of requirements when they register and there will be a formal briefing on the first day of the conference.



How to get to Mount Cotton centre?



Technical Training Solutions (TTS), as part of Technical Education & Innovation, provides quality training and development solutions to transport infrastructure providers that meet their needs and enhance their success in a competitive environment.

The team is part of the Department of Transport & Main Roads and was established as a commercial unit to provide a service to clients, both within and external to the Department, for the development and delivery of technical training.

TTS is staffed by professionals from disciplines relevant to the Department's operations who have an interest in the development and delivery of technical training. Such a combination of staff will ensure that the best technology will be available in both the training contents and methods of design and delivery.

TTS is recognised by the Department of Education & Training (DET) as a Recognised Training Organisation (RTO). TTS operates through a NATA Certified quality assurance system conforming to AS/NZS ISO 9001:2000.

Transport and Main Roads Engineering Technology Forum

2 – 4 August 2011

The Sebel & Citigate
King George Square
Brisbane, Australia



*Proud supporter of
the Mount Cotton
Track Day for the
3rd International
Surface Friction
Conference 2011*



ARRB

With 50 years experience in the research and consulting area, ARRB Group is a company focused on knowledge.

ARRB Group Ltd (ARRB) provides research, consulting and information services to the road and transport industry. ARRB applies research outcomes to develop equipment that collects road and traffic information and software that assists with decision making across road networks. ARRB is the leading provider of road research and best practice workshops in Australia.



NZ Transport Agency

NZTA is a Crown agency responsible for contributing to an affordable, integrated, safe, responsive and sustainable land transport system. This involves the planning and funding of land transport. It involves the enforcement of laws, regulations and rules, and the collection of revenue. It also involves ensuring New Zealanders have access to land transport, including through building, operating and maintaining land transport systems. This is work undertaken with a number of partners.



WDM

WDM® provide a comprehensive range of advanced technology equipment, software and surveying services to assist in the management of highway related assets and offer unrivalled experience and technical expertise in the provision of pavement and highway asset management systems.

The consultancy service includes all aspects of highway maintenance management and covers planning and provision of surveys, performance modelling and indicator evaluation and production.



Sponsorship and exhibition opportunities

There are many type of sponsorship opportunities available throughout the conference and at the Mount Cotton test track day, including:

- Gold sponsorship for the full three days including the track day \$16,500
- Silver sponsorship for the two conference days only \$11,000
- Bronze sponsorship for the two conference days only \$6,600
- Conference gala dinner sponsorship \$4,400
- Back pack sponsorship \$3,300
- Lanyard sponsorship \$2,200
- Stationery sponsorship \$2,200
- Opening ceremony sponsorship \$2,200
- Session sponsorship \$1,100
- Back pack inserts \$1,100
- Trade exhibition space \$3,300

Mount Cotton track day sponsorship

- Track day official providers – to ensure the success of the track day we will be seeking assistance from specific organisation to help with the logistics and supplies, including:
 - test devices
 - demonstration vehicles
 - tyre manufacturers

Track day supporters – each track day supporter has the opportunity to demonstrate their products and services in a trade exhibition area. Cost associated with being a track day supporter is \$2,200.

**All costs listed above include GST.*



General Information

Accommodation

Block accommodation/hotel bookings of rooms have been made at the Hyatt Regency Sanctuary Cove and Marina Quays International. Special conference rates have been negotiated however if you extend your stay the rates may increase. Book your accommodation using the Accommodation insert or visit www.friction2011.com.au and follow the links. Please note: The Marina Quays International is a 12 min drive from the conference venue (Hyatt Regency Sanctuary Cove).

Airport and Transportation

- Visitors are strongly advised to make bookings early to obtain best fares.
- The resort is situated 1 hours' drive* south from Brisbane International and Domestic Airports. Approximate flying time from Sydney is 1 hour and 20 minutes and Melbourne is approximately a 2 hour and 10 minute flight. Cairns International Airport is approximately three hours' flying time away. Coolangatta Airport is approximately 45 minutes' drive* north to the resort.
- *Drive times may vary during peak traffic periods.
- The airports are easily accessible by car, taxi, train or bus

Australia - Passport and Visa Information

All travellers, except New Zealand Citizens, must obtain a Visa or travel authority before travelling to Australia. Please contact your travel agent or airline for further details or visit www.immi.gov.au.

Cancellation Policy

Registration cancellation or substitution is only accepted by sending written notification (email acceptable) to Key Conference Solutions. Cancellations made before 31 March 2011 will be given a refund, less A\$200 administration charge. After 31 March 2011 the registration for the conference is binding and no refunds

will be made. However, another person may be substituted for the registered delegate. The new delegate will be acknowledged in writing. By submitting your registration you agree to the terms of the cancellation policy.

Proceedings

Conference proceedings will be published on the website post conference.

Registration

To register visit www.friction2011.com.au and follow the links to the online registration.

Group Bookings

Discounts are available for group bookings (conditions apply)

- 6 - 10 delegates - 5%
- 11 - 20 delegates - 10%
- 21+ delegates - 15%

Please email events@conferencesolutions.com.au to request a group booking discount and the terms/conditions for the discount.

Author/Presenter Discounts

All presenting authors must register for the Conference. Presenters will receive the early bird discount. For the papers to be included in the conference proceedings, presenting authors must be registered by the close of the early bird registrations (31 March 2011).

Student Discounts

The Conference Committee is working closely with the ARRB Academy to provide a special student price to attend the conference. More information will be available shortly.

Payment of Fees

All conference and function payments must be received prior to the commencement of the conference. If payment for an early bird registration is not received by the cut-off date, the registration type will automatically be changed to the next registration level.

Reducing Carbon Emissions

Here's how you can help:

If choosing alternative accommodation please select venues that are close to the Hyatt Regency Sanctuary Cove. You can help the environment (and yourself) by walking to and from the venue.

Visitors are encouraged to use public transport to explore the Gold Coast. By paying an optional extra on the conference registration form, you will provide funds towards offsetting the carbon emissions utilised in attending this conference. Funds will be forwarded to Carbon Neutral, a 'not for profit' organisation whose mission is to reduce the amount of carbon dioxide in the atmosphere.

Sponsorship and Exhibition Opportunities

There is a range of sponsorship and trade exhibition opportunities available, visit www.friction2011.com.au. For more information please contact the Sponsorship Coordinator (see contact details below).

Australian Wildlife

Australia is home to an abundance of wildlife and fauna, each unique and special to our country. Although Australia has some of the world's most dangerous creatures, these creatures are generally harmless unless provoked.

The best advice is to respect an animal's territory and leave it alone. In no circumstance should you try to touch or capture an animal. Doing so may invoke the animal and could result in injury or even death.

Remember that most animals are just as scared of you as you are of them! Australia is a magnificent country, you must take care and travel safe. If you are unsure about a particular animal or area, check with local residents or your tour guide.

Technical Secretary

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