



# Australasian and South Pacific Association of Collision Investigators

## FACT OR FRICTION CONFERENCE

*Stamford Plaza, Adelaide, South Australia*

*10 - 13 March 2002*

### *Registration Brochure*

#### **INVITATION TO ADELAIDE**

On behalf of the organising committee I extend a special invitation for you to attend the ASPACI Conference to be held in Adelaide, South Australia, from 10 - 13 March 2002.

A full program, including an interactive field day, will be conducted over three and a half days, designed to attract the interest of all practitioners involved in collision investigation, analysis, litigation, safety and training. You will have the opportunity to network and share ideas, bringing together the latest research and practices challenging our exclusive industry in the new millennium.

This conference will have topics of interest for all professionals working in this diverse field. I look forward to welcoming you to the ASPACI Conference 2002 and to Adelaide in autumn. It is truly a family destination offering an accessible environment rich in beauty and culture.

If you are interested in presenting a paper or wish to have an area reserved for a trade exhibit please contact our conference secretariat.

I look forward to receiving your registrations for this biennial event.

*Gary Hancock*  
*ASPACI State Director*  
*(South Australia)*

On behalf of the Conference Organising Committee

#### **HISTORY OF ASPACI**

The Australasian and South Pacific Association of Collision Investigators (ASPACI) was formed in 1992 at a meeting in Melbourne of Police Crash Investigators from all Australian States, New Zealand and several South Pacific countries. That inaugural meeting was sponsored by Monash University. Since that time membership has been offered to any person having an interest in Traffic Crash Investigation. ASPACI now has members throughout the world involved in road safety and traffic crash investigation and from that informal beginning the AIRIL Conferences were born, which have since travelled to South Africa and Canada (and to be held in Britain in 2003). Those conferences and the World Reconstruction Expo (held in Texas USA in 2000) have been sponsored in part by

ASPACI and play a vital role in the education of safety experts and traffic crash investigators. Since its formation ASPACI members have presented papers at various conferences throughout the world. The Association was formed to provide a forum for the dissemination of information, education and training of members in areas of road and vehicle safety, and the investigation and reconstruction of traffic crashes. The newsletter 'MOMENTUM' is the official publication of the Association.

#### **CONFERENCE AIM**

Friction is one of those glorious intangibles that the investigator or reconstructionist uses almost daily in his collision analysis deliberations.

From the simple speed to stop analysis to complex momentum calculations, the determination of an appropriate figure for friction is paramount. Any disagreement between reconstructionists is likely to be about the proper or appropriate friction figure as much as anything else.

Within the field of accident investigation and reconstruction there has probably been more testing and attempts at validating appropriate friction values than for any other parameter. Notwithstanding this inordinate amount of testing questions still arise and disagreements still occur within the reconstruction community about the appropriate figure to be used.

The aim of this conference is to further that testing, providing additional input into the significant database that exists. The aim is to provide further information on the appropriate friction rates for:

- ❖ Motor cycles sliding on their side
- ❖ Commercial vehicles skidding
- ❖ Appropriate friction value for yawing on selected surfaces
- ❖ Vehicles rolling over

Where possible this conference will provide a 'hands-on' approach so that delegates themselves will be able to gather and document information provided as a result of the testing.

## GENERAL INFORMATION

### ORGANISING COMMITTEE

Gary Hancock                      Brian Mills  
Andrew Mitton                     Harry Aust  
Paul Turner                         Graham England  
Peter Hankel

### CONFERENCE SECRETARIAT

SAPMEA Conventions, 68 Greenhill Road, Wayville SA 5034  
**Telephone: 08 8274 6060      Facsimile: 08 8274 6000**

**Email:** conv@sapmea.asn.au

All communications are to be directed to the Secretariat, in writing, by facsimile or email.

### CONFERENCE VENUE & FIELD DAY

The ASPACI Conference will be held at the Stamford Plaza Hotel, North Terrace Adelaide. The field day will be held at Mallala Raceway. Buses will transfer delegates from the Stamford Plaza to Mallala.

### REGISTRATION DESK & CHECK IN

The Conference registration desk will be open from 5.00pm on Sunday 10 March 2002 at the Stamford Plaza Adelaide Hotel.

## SOCIAL PROGRAM

Please indicate your attendance by ticking the appropriate boxes in section D of the registration form.

### Welcome Reception, Sunday 10 March 2002

The Conference Welcome Reception will be held from 6 - 8 pm at the Stamford Plaza Hotel, Adelaide. The cost for this is included in the full registration fee. Extra tickets may be purchased @ \$45.00 each.

### Conference Dinner, Wednesday 13 March 2002

The Conference Dinner will be held from 7.00pm for Pre Dinner Drinks in the Crystal Room at the Stamford Plaza Hotel. The cost of food and beverages at this function are included in the full registration fee. Extra tickets can be purchased @ \$85 each.

## REGISTRATION INFORMATION

### FEES

The registration fees for the Conference are:

Full Registration - ASPACI Members	\$650.00
Full Registration - before 25/01/02	\$650.00
Full Registration - after 25/01/02	\$750.00
Accompanying Persons Program	\$550.00
Monday Registration	\$260.00
Tuesday Registration [Field Day]	\$300.00
Wednesday Registration	\$260.00

### Full registration

Includes the Cocktail Reception, Dinner, attendance at all sessions, refreshments and lunches during the Conference, delegate pack and handbook.

### Accompanying Persons Program

Includes the Cocktail Reception, Dinner, attendance on three tours, refreshments and lunches, delegate pack and handbook

### Day registration

Includes attendance at sessions, refreshments and lunch on the day attending, delegate pack and handbook. *[does not include attendance at social functions, these may be purchased separately]*

### APPLICATION

Those attending the Conference must complete a registration form (or a photocopy) and return it, complete with payment, to the Secretariat. Registration forms sent by fax will not be processed or acknowledged unless payment is by credit card. Registration can also be processed electronically through our secure on-line registration service [www.sapmea.asn.au/aspaci.htm](http://www.sapmea.asn.au/aspaci.htm)

**Note:** Each active participant must make a separate application

### REMITTANCE PROCEDURES

Fees must be paid in Australian Dollars either by cheque or credit card. Payment must accompany the registration form. Cheques should be payable to SAPMEA. Registrations received without fees will not be processed.

### CONFIRMATION & RECEIPT

The Secretariat will send a confirmation letter acknowledging your registration, accommodation booking and payment if registration forms and remittance are received by 1 March 2002. Please bring this letter with you to the on-site registration desk at the Conference.

### CANCELLATION

Cancellation of registration must be made in writing to the Secretariat, and fees will be refunded as follows:

<b>On or before 25/01/02</b>	100% of fees, less \$75 administrative fee
<b>After 25/01/02</b>	No refund

## ACCOMMODATION

Delegates who require accommodation, are requested to complete Section C on the registration form and add one night's accommodation fee as a deposit. Following is a summary of the available hotels.

To arrange room reservations please note your arrival and departure dates and choice of hotel on the registration form. Confirmation of reservation will be sent from the Conference Secretariat.

Rates quoted are per night per room & don't include breakfast.

*****	<b>Stamford Plaza Adelaide Hotel</b> 150 North Terrace, Adelaide The Conference venue \$170 single/double/twin	***	<b>Adelaide Paringa Motel</b> 15 Hindley Street, Adelaide 10 minutes walk to venue \$96 double/twin, \$85 single
****	<b>Grosvenor Vista Hotel</b> 125 North Terrace, Adelaide 5 minutes walk to venue \$135 single/double/twin	Budget	<b>Royal Adelaide Hospital, Hotel Services</b> North Terrace, Adelaide 20 minutes walk to venue \$17.60 single, shared facilities

## PROGRAM AT A GLANCE

### Sunday 10 March

Registration Desk Open from 5.00pm to 6.30pm at the Stamford Plaza, Adelaide

Welcome Reception from 6.00pm to 8.00pm

### Monday 11 March

#### Keynote Speakers include

Rusty Haight

Cara Johnston "*Changing Attitudes – Saving Lives*"

#### Paper presentations include

David Axup "*The Flushed Pavement and Heavy Vehicles*"

Peter Bellion "*Motor Cycle Braking and Skid Testing Deceleration Levels*"

Errol Brown "*Joint Research Paper*"

John Raine "*Conviction on Friction – Can you Believe the Reconstructionist Figures?*"

Presentation of the late Rodney Vaughan's paper "*What Drivers do in Emergencies*"

### Tuesday 12<sup>th</sup> March

#### FIELD DAY – MALLALA RACE WAY

**Bus departs from the Stamford Plaza at 8.30am sharp (please meet in the Foyer at 8.15am)**

The field day at Mallala racetrack will include an evaluation of friction coefficients or drag factors used by investigators and reconstructionists in their everyday deliberations. It will include, but is not necessarily limited to:

- Skid testing of vehicles on wet and dry surfaces with treaded and bald tyres.
- Skid testing of semi trailers
- The sliding of motor cycles
- Determination of the friction value in a yaw and subsequent rollover

The day is designed to be 'hands on' where possible with delegates being involved in the gathering of information provided from the tests. It is anticipated that detailed results of the testing will be provided in spreadsheet format to the delegates.

### Wednesday 13<sup>th</sup> March

#### Keynote Speakers include

Richard Lambourn

#### Paper Presentations include

Peter Bellion "*Roll Stability of Large Australian Cars*"

Christopher Marks - *Title to be Advised*

#### Panel Discussions include

Forum – Panel Discussion on Malalla

Presentation of Results from Field Testing & Close of Conference

## KEYNOTE SPEAKERS

### Dr Richard Lambourn

*Investigations and Risk Management  
Consultant, UK*

Principal Consultant in the Investigations and Risk Management Group at the UK's Transport Research Laboratory, specialising in road accident reconstruction. From 1973 to 1996 Dr Lambourn worked at the Metropolitan Police Forensic Science Laboratory in London. Throughout his career, he has advised police, lawyers and insurers on the reconstruction of individual accidents, attending accident scenes and going to courts at all levels.

### Mr Rusty Haight

*Collision Reconstructionist, USA*

Mr Haight is both a full time staff instructor for the Texas Engineering Extension Service [TEEX] - a branch of the Texas A&M University System, and a practicing reconstructionist. In addition to extensive practical experience as a former San Diego Police Officer, assigned to the Accident Investigation Bureau, he has attended courses and seminars for a total of more than 1,000 hours of traffic collision-specific training and has conducted research in a number of areas of collision investigation and reconstruction. He is author of more than 14 technical papers and articles. Mr Haight has been involved in more than 750 crash tests including more than 600 crash tests in which he has been the occupant of one of the involved vehicles.

### Ms Cara Johnston

Cara Johnston is an international speaker, trainer and personal empowerment coach whose number one objective is to help individuals realise their full potential. Cara combines practical knowledge with life experience giving her a passionate style that inspires audiences everywhere. Drawing from a tragedy in her own life, the loss of her identical twin sister the day after their eighteenth birthday, Cara is able to help her audience put things in perspective. Cara is sharing the harsh lessons that she has learned and sharing them with her audiences to help them make better choices about their lives. Cara believes that it is not the events that happen in our lives that shape our destiny but the meaning we attach to those events. She is a master example of attaching resourceful meaning to events and turning a tragedy into a miracle.

## TRAVEL

We can arrange your Conference airfares. Your attendance can be planned to make the most of Conference participation, while enjoying what Adelaide has to offer. We can arrange everything from flight reservations to optional sightseeing tours of South Australia.

For information on all fares and tours please contact Traveland SAPMEA.

Your airfares and tours can be included with payment for your registration fees. Please obtain your costings and booking number from Traveland SAPMEA prior to completing your registration form.

### Traveland SAPMEA

Telephone 1800 674 668 Facsimile 08 8274 6000

### TOURS

Should you wish to book any of the following tours please complete Section B on the registration form.

#### ORGANISED NETWORKING TOURS

ASPACI have arranged two networking tours post conference. It is an opportunity for delegates to get together in a social environment after the conference, chat and enjoy South Australia.

#### Premium Barossa Valley Tour

Thursday 14<sup>th</sup> March **\$75.00 adult \$37.50 child**

Savour the Barossa Valley! Sample a superb "Shiraz" from some of the world's oldest vines. See the Barossa at its best! Highlights include: The Whispering Wall, three excellent wineries, lunch at a winery, Lyndoch German Bakery, stroll in Tanunda, Collingrove Homestead.

#### Kangaroo Island Revealed

Friday 15 March **\$310.00 adult, \$195.00 child [fly/fly]**

Diverse Kangaroo Island, situated off the Fleurieu Peninsula, offers a unique tour experience combining friendly native wildlife with natural unspoilt wilderness. Enjoy a scenic 30 minute flight to the Island. Visit Seal Bay, home of the 500 rare sea lions. See the unspoilt bush land wilderness of Flinders Chase National Park.

Kangaroo Island is a photographer's dream with magnificent scenery and abundant wildlife providing a day to remember.

### GENERAL TOURS

#### Market Adventures

Tues, Thurs, Fri & Sat

**\$30.00 adult, \$15.00 child**

A unique behind the scenes experience at the Central Market under the guidance of an expert. Meet the stall holders and share their

**Morning & Afternoon  
tours available**

knowledge and, best of all, generous tastings will be the order of the day. The tour features in many gourmet magazines and publications.

#### Hahndorf & Adelaide Hills

Departs Daily, 1.30pm - 5.30pm

**\$41.00 adult, \$20.50 child**

Enjoy a leisurely afternoon tour of the Adelaide Hills enroute to the German township of Hahndorf. The tour commences with brief highlights of the city, including the Eastern Foot Hills, then winds up to Eagle on the Hill. This is a great vantage point to view the city surroundings and the blue gulf waters. Other highlights include the Hahndorf Academy, Hillstowe Winery, Muggleton's General Store and the Beerenberg Strawberry Farm.

#### Accompanying Persons Program

A tour program has been arranged for accompanying persons. It includes, attendance at the Welcome Cocktail Reception, an introduction to Adelaide Tour, a day at the Fleurieu Peninsula, a full day in the Adelaide Hills and attendance at the conference dinner. The *Introduction to Adelaide* tour runs from 10.00am - 4.00pm on Monday 11 March. Highlights include, the city's square mile, with its distinctive squares and terraces surrounded by parks and gardens. North Adelaide's residential areas with their mix of bluestone mansions, small cottages and fine modern architecture and a visit to the Jam Factory Craft and Design Centre.

The *Fleurieu Peninsula Tour* on Tuesday 12 March will operate between 9.00am and 5.00pm. A favourite seaside playground for generations of South Australians, this tour allows you to enjoy scenery of the Hills and Seaside areas. Including morning tea at the delightful hills town of Strathalbyn, lunch and time to browse at Victor Harbor and a stop for a wine tasting in the McLaren Vale on the way home.

The *Day in the Adelaide Hills* tour on Wednesday 13 March from 9.00am - 4.00pm includes a visit to the Jurlique Herb farm, a tour and picnic style morning tea at The Cedars - the home and studio of the late Sir Hans Heysen. A stroll through the galleries of Hahndorf and a visit to the beautiful Mt Lofty Botanical Gardens.

Book early for your place on the accompanying persons program.

Cost is \$550.00 per person.

#### Cancellation

To cancel tour reservations, written notification must be sent to the Secretariat. Refunds on cancellations will be as follows: Refund up to 48 hours prior to departure on all tours. \$20.00 cancellation fee applies to all tours.

## PRE & POST EVENTS

#### JACOB'S CREEK OPEN CHAMPIONSHIP – March 7<sup>th</sup> – 10<sup>th</sup>

Held from the 7<sup>th</sup> to 10<sup>th</sup> March, this Inaugural event will be co-sanctioned with the USPGA Tour and is expected to attract a world class field. Prize money for this event is \$1,000,000 AUD. This is the first ever event scheduled on the PGA Tour of Australasia to be awarded USPGA Tour co-sanctioned status.

#### ADELAIDE FESTIVAL – March 1<sup>st</sup> – 10<sup>th</sup>

The biennial Adelaide Festival of Arts has an international reputation for innovation and is one of the world's great arts festivals. The wonderful 2002 program will include music, theatre, dance, visual art exhibitions, free outdoor events, locally made films, food and music, an architecture program, Adelaide Writers' Week, plus a variety of masterclasses, forums and late night venues. For more information contact the website at [www.adelaidefestival.org.au](http://www.adelaidefestival.org.au)

#### ADELAIDE FRINGE – February 22<sup>nd</sup> – March 17<sup>th</sup>

The Adelaide Fringe is the largest independent arts festival in Australia. It is a unique and energetic celebration of all art forms and performance genres introducing audiences to fresh ideas, imagination, risk, and spontaneity.

For more information contact the website at [www.adelaidefringe.com.au](http://www.adelaidefringe.com.au)

#### CLIPSAL 500 – March 15<sup>th</sup> – 17<sup>th</sup>

Australia's premier national motorsport carnival. Experience three days of superb V8 Supercar action, supported by other exciting on-track events including a tribute to the cars and legendary drivers representing 40 years of Aussie 'tin top' racing. Unsurpassed viewing in prime grandstand locations, together with seven giant Clipsal Vision Super Screens, ensure fans catch all the action. Australian Defence Force air displays, street parades, an after race concert and fireworks ensure the action isn't just confined to the track. Party Hard, Party Fast, Party Adelaide!

For more information contact the website at [www.clipsal500.com.au](http://www.clipsal500.com.au)

**Disclaimer:** Every effort has been made to present as accurately as possible, all the information contained in this brochure. The Organising Committee, SAPMEA Incorporated, its Agents or Servants or the Sponsors will not be held responsible for any changes in the structure or content of the program and any general or specific information published in this brochure. The Organising Committee reserves the right to change any or all of these details. © SAPMEA 2001



# ASPACI Conference - Fact or Friction REGISTRATION FORM

Title[Prof/Dr/Mr/Mrs/Ms/Miss] \_\_\_\_\_ First Name \_\_\_\_\_ Family Name \_\_\_\_\_

Institution/Organisation \_\_\_\_\_

Position Held \_\_\_\_\_

Contact Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Postcode \_\_\_\_\_

Phone number \_\_\_\_\_ Fax number \_\_\_\_\_ Email Address \_\_\_\_\_

Name of accompanying person[s] \_\_\_\_\_

Please note any special requirements regarding health, diet, etc \_\_\_\_\_

## SECTION A - REGISTRATION FEES

Full Registration - ASPACI Members	\$650.00	<input type="checkbox"/>
Full Registration - before 25/01/02	\$650.00	<input type="checkbox"/>
Full Registration - after 25/01/02	\$750.00	<input type="checkbox"/>
Accompanying Persons Program	\$550.00	<input type="checkbox"/>
Monday Registration	\$260.00	<input type="checkbox"/>
Tuesday Registration [Field Day]	\$300.00	<input type="checkbox"/>
Wednesday Registration	\$260.00	<input type="checkbox"/>

## SECTION B - TRAVEL & TOURS

**Airfares:** Please contact SAPMEA Travel to obtain your cost and booking number.

Booking number \_\_\_\_\_

Fare Quoted \_\_\_\_\_ \$ \_\_\_\_\_

Airline Frequent Flyer Membership Number \_\_\_\_\_

Travel Insurance \_\_\_\_\_ \$ \_\_\_\_\_

### Networking Tours

*Premium Barossa Valley Tour*

\$75 A/ \$37.50 C      14 March 2002      Number of persons [ ]      \$ \_\_\_\_\_

*Kangaroo Island Revealed*

\$310 A/ \$195 C      15 March 2002      Number of persons [ ]      \$ \_\_\_\_\_

### General Tours

*Market Adventure*

\$30 A/ \$15 C      Preferred date \_\_\_\_\_      Number of persons [ ]      \$ \_\_\_\_\_

*Hahndorf & Adelaide Hills*

\$41 A/ \$20.50 C      Preferred date \_\_\_\_\_      Number of persons [ ]      \$ \_\_\_\_\_

**Subtotal - Section B**      \$ \_\_\_\_\_

## SECTION C - ACCOMMODATION

A deposit of one night's accommodation is required to confirm your booking

1st Preference \_\_\_\_\_

2nd Preference \_\_\_\_\_

Type of room \_\_\_\_\_ Sharing with \_\_\_\_\_

Date of arrival \_\_\_\_\_ Date of Departure \_\_\_\_\_

**Subtotal - Section C**      \$ \_\_\_\_\_

## SECTION D - SOCIAL PROGRAM

Catering cannot be guaranteed unless you complete this section.

Sunday 10 March 2002

Cocktail Reception [incl. in full registration]      Yes       No   
Extra tickets      \_\_\_\_\_ @ \$45 each      \$ \_\_\_\_\_

Wednesday 13 March 2002

Conference Dinner [incl. in full registration]      Yes       No   
Extra tickets      \_\_\_\_\_ @ \$85 each      \$ \_\_\_\_\_

**Subtotal - Section D**      \$ \_\_\_\_\_

## REMITTANCE

Section A: Registration	\$ _____
Section B: Travel & Tours	\$ _____
Section C: Accommodation	\$ _____
Section D: Social Program	\$ _____
<b>TOTAL</b>	\$ _____

### CREDIT CARD Please indicate:

- Visa
- Bankcard
- Mastercard
- American Express
- Diners Club

Credit Card Number \_\_\_\_\_

Card Verification Number \_\_\_\_\_

Expiry date \_\_\_\_\_

Amount to charge \$ \_\_\_\_\_

Cardholders name \_\_\_\_\_

Cardholders signature \_\_\_\_\_

**Please return registration form with payment to:**

ASPACI Conference  
SAPMEA Conventions  
68 Greenhill Road, WAYVILLE SA 5034  
or fax 08 8274 6000  
[For credit card only]