



SUMMARY OF SYMPOSIA AND WORKSHOPS AT ARSC2015

(Updated as at 23 September 2015)

Wednesday 14 October: 9:00am – 12:00pm

Room 5

Workshop

Road Safety Education in Schools

Key Organiser:

Curt Draheim

QLD Department of Education and Training

07 351 35923

Curt.Draheim@dete.qld.gov.au

Overview:

This workshop will review evidence-based research surrounding road safety education including selecting appropriate road safety programs and reviewing the effectiveness of existing programs.

An important component of this workshop will be road safety education in the Australian Curriculum and a participant workshop session centred on road safety curriculum alignment using Queensland curriculum support materials (C2C). C2C resources are provided to support schools to implement the Australian Curriculum. C2C resources assist with planning, teaching, learning and assessment of the Australian Curriculum. A presenter from C2C will be providing a workshop session with a teaching focus, demonstrating how road safety education can be incorporated into the classroom.

We encourage all delegates with a particular interest in road safety education to join this workshop.

Please note, this session starts at 9am on the first day of the conference!

Wednesday 14 October: 10:00am – 12:00pm

Arena 1B

Symposium

Factors Influencing Young Driver Risk

Sponsored By: Motor Accident Insurance Commission

Key Organisers:

Dr Ioni Lewis and Dr Kerry Armstrong

CARRS-Q, QLD University of Technology

07 3138 4966 / 07 3138 8418

i.lewis@qut.edu.au / ka.armstrong@qut.edu.au

Overview:

This symposium is a collection of presentations relating to factors influencing young driver risk.

The presentations are:

- Curbing the Attention-Deficit: Influences of Task Demand During On-Road Driving presented by Natassia Randell, University of Waikato;
- Impulsivity and Aggression in Young Drivers Assessed in Short Driving Simulator Scenarios presented by Trevor Hine, Griffith University;
- Young Driver Perceived Risk and Risky Driving: Applied theoretical approach to the Fatal Five presented by Emma Harbeck, Griffith University; and
- Perceived Risk, Speed and Countermeasures presented by Nicola Starkey, University of Waikato.

Wednesday 14 October: 10.00am – 4:30pm

Room 6

Workshop

Policing and Enforcement – Collaborative Action for Change

Key Organiser:

Lisa-Marie O'Donnell

Queensland Police Service

07 3238 6613 (Mon, Tues, Fri), 0459 800 281 (Wed, Thurs)

O'Donnell.Lisa-Marie@police.qld.gov.au

Facilitator:

Deputy Commissioner Linda Williams

South Australia Police

Overview:

The Policing and enforcement workshop aims to showcase collaborative action for change, including international perspectives from TISPOL, the European traffic policing network. The TISPOL organisation acts as a platform for learning and exchange of good practice between traffic police forces of Europe. Its activities are guided by research, intelligence, information and experience, and producing measurable results. Speakers will be asked to 'think outside of the box' in a speed dating session questioning, "if money was no option, what would a road policing enforcement model look like?" Other sessions will include presentations on technology in policing and how to best use social media to enhance enforcement and road safety. Attendees will be able to share ideas, network and interact with representatives from policing and law enforcement at a national and international level.

Presenters:

- Deputy Commissioner, Specialist Operations, Queensland Police Service
- A/Assistant Commissioner Michael Keating, Queensland Police Service
- General Secretary Ruth Purdie, TISPOL (European Traffic Policing Network)
- Inspector Gavin Raison, Queensland Police Service
- Inspector Peter Flanders, Queensland Police Service
- Dr Barry Watson, CEO, Global Road Safety Partnership
- Assistant Commissioner John Hartley, NSW Police
- Peter Kolesnik, Queensland Department of Transport and Main Roads
- Sonia Roberts, NSW Police
- Simon Kelly, Public Safety Business Agency, Queensland

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Facilitator	Deputy Commissioner Linda Williams, South Australia Police
10.00 – 10.30	<i>Welcome</i> - Deputy Commissioner Brett Pointing QPS Road Policing – the experience in Queensland Assistant Commissioner Keating
10.30 – 10.50	ANZPAA Road Policing Forum – ‘Collaborative action for enhanced road safety’ Assistant Commissioner John Hartley, NSW Police
10.50 – 12.00	<i>Keynote speech</i> - TISPOL presentation, General Secretary Ruth Purdie Potential topics: <ul style="list-style-type: none"> - future of policing = the EU experience (taking action together) - technology in policing (European Network of law enforcement technology services – ENLETS) - transition from traffic to road policing
12.00– 13.00	Lunch
13.00 – 13:45	Technology and Road Policing Mobile Data services project – E-ticketing and Roadside Drug Testing App in QLD Acting Inspector Gavin Raison Technology in speed camera enforcement now and into the future , Mr Dennis Walsh, Deputy Chief Engineer (Road Operations), Department of Transport and Main Roads and Inspector Allan Hales, Traffic Camera Office, Queensland Police Service
13:45 – 14.30	Speed dating session – ‘If money was no option what would a road policing enforcement model look like?’ <i>Chair: Peter Kolesnik, Director, Road Safety Portfolio, Land Transport Safety Branch, Department of Transport and Main Roads, QLD.</i> <ol style="list-style-type: none"> 1. Dr Barry Watson, CEO Global road safety partnership 2. Soames Job, Adjunct Professor, Transport and Road Safety UNSW, & Managing Director, Global Road Safety Solutions 3. Assistant Commissioner John Hartley, New South Wales Police 4. John Wall, Manager Road Safety Technology, Transport NSW 5. <i>To be confirmed</i> Gavin Hill, Transport Certification Australia 6. <i>To be confirmed</i> Assistant Commissioner David Cliff, New Zealand Police
14:30 – 15.00	Afternoon Tea
15.00 – 15.40	Joint Heavy Vehicle Enforcement Partnership - NSW Roads & Maritime Service and NSW Police Inspector Phil Brooks, Traffic and Highway Patrol, NSW police.
15.40 – 16.00	The application of social media strategies to enhance enforcement and road safety Sonia Roberts, New South Wales Police and Simon Kelly, Public Safety Business Agency, Queensland
16.00 – 16.30	WA Road Policing Operations - Nimrod Taskforce and Calendar Crackdown. Acting Superintendent Ian Clark, WAPOL

Updated as of 11 Sept 2015

Wednesday 14 October: 1:00pm – 2:30pm

Room 4

Symposium

Road Safety Barriers for Cars and Motorcycles

Sponsored By: CSP Pacific

Key Organisers:

Dr Ioni Lewis and Dr Kerry Armstrong

CARRS-Q, QLD University of Technology

07 3138 4966 / 07 3138 8418

i.lewis@qut.edu.au / ka.armstrong@qut.edu.au

Overview:

This symposium is a collection of presentations relating to road safety barriers for cars and motorcycles.

The presentations are:

- Road Safety Barriers: International experiences and new directions for Australia presented by Leith Morris, Humes;
- Improving Road Safety Barrier Effectiveness: Issues and opportunities presented by Rod Troutbeck, Rod Troutbeck and Associates;
- Developments of a Motorcycle Computer FEM Model for Simulating Collisions into Road Safety Barriers presented by Raphael Grzebieta, University of NSW; and
- Motorcyclist Collisions with Roadside Barrier Motorcyclist Protection Systems presented by Mike Bambach, University of NSW.

Wednesday 14 October: 3:00pm – 4:30pm

Room 4

Symposium

The National Road Safety Partnership Program Providing a Pathway for any Business/ organisation to Create a Positive Road Safety Culture

Key Organiser:

Jerome Carslake

ARRB Group Ltd

03 9881 1670

jerome.carslake@arrb.com.au

Overview:

The NRSPP aim is to help businesses and organisations create a positive road safety culture. The process must achieve lasting change. For change to occur it must be in road safety culture, a change from reactive wait and see to proactive initiatives.

The first step is helping an organisation understand the true cost of its road incidents followed by ensuring the business undertakes an informed, structured, evidence based approach which will guide them around the costly pitfalls. The final step, benchmarking, allows the organisation to measure and track its change.

This symposium will explore the steps for organisations using NRSPP resources. The 'Total Cost of Risk' calculator has been developed by Zurich, tested in Europe by Nestle and modified for Australia. This provides the first crucial step. The next step is a structured approach through the Workplace Road Safety Guide using experts and industry to discuss the preferred safe system approach which can then link into the national Benchmarking Project. The outputs from the symposium can help frame a pathway to change an organisations culture and apply follow it through the NRSPP website.

Wednesday 14 October: 3:00pm – 4:30pm

Room 8

Symposium

Safety of Workers at Roadwork Sites

Key Organiser:

Dr Ashim Debnath
CARRS-Q, QLD University of Technology
07 3138 8423
ashim.debnath@qut.edu.au

Overview:

Safety is an important concern for roadworkers, particularly when working on the road with cars and trucks thundering by. Yet without these workers, we would have no new roads and all of our existing ones would be full of potholes. So every day, road construction and maintenance companies try to juggle worker safety and safety budgets as part of improving our roads. To better understand the safety issues at roadworks and to identify effective ways to improve roadwork safety, the Centre for Accident Research and Road Safety – Queensland (CARRS-Q) has recently completed a major 3-year research project in partnership with Australian Research Council, Transport and Main Roads, Leighton Contractors, GHD Pte Ltd, and Australian Workers Union.

Five selected presentations from this project will be featured in the symposium. The presentations will provide a comprehensive understanding of the roadwork safety issues from the perspectives of roadworkers, drivers, and roadwork managers. In particular, emphasis will be given on understanding driver behaviour at roadworks and how their behaviour could positively be influenced through the use of various existing and new roadwork safety treatments. The presentations will have implications for both researchers and practitioners in the road construction and maintenance industry.

Presenters:

- Ashim Debnath, CARRS-Q, QLD University of Technology
- Ross Blackman, CARRS-Q, QLD University of Technology
- Tamara Banks, CARRS-Q, QLD University of Technology

Wednesday 14 October: 3:00pm – 4:30pm

Room 9

Symposium

Who is Responsible for Road Safety?

Key Organisers:

Lauchlan McIntosh

President, Australasian College of Road Safety

lauchlan.mcintosh@bigpond.com.au

Overview:

This session will provide an opportunity for delegates to hear from a variety of sector representatives discussing their take on 'who is responsible for road safety'.

Where do the perceptions lie, across all sectors of society, in terms of where each thinks the responsibility lies for ensuring best road safety outcomes– in the community, with our policy advisors, with our politicians and strategists, corporations, academics, legal bodies, policing and emergency services agencies, engineers & road builders, insurance agencies, manufacturers, educators, doctors and trauma specialists, vulnerable road users, heavy vehicles.....? What do we all think, and how can we harness this diversity of opinion to produce best road trauma reduction outcomes?

This thought-provoking session will include the following presenters.

Presenters:

- Sharyn Littler, Australian Motoring Enthusiast Party
- Paul Turner, Executive General Manager Advocacy, RACQ
- Alton Twine, Director, Engineering Services, City of the Gold Coast
- Hon Michelle Hopkins Roberts MLA, WA Shadow Minister for Police, Road Safety
- Additional speakers to be announced at the event!

Thursday 15 October: 11:00am – 12:30pm

Room 4

Symposium

Road Safety in Oman: Understanding developing issues

Key Organiser:

Dr Jason Edwards

CARRS-Q, QLD University of Technology

07 3138 4953

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Overview:

During 2014 in Oman 816 people lost their lives due to road crash and a further, 3835 sustained severe injuries. In 2010 The Oman Research Council established the Road Safety Research Program (RSRP). A key goal of this program is to develop evidence based understandings of road crashes in Oman. The main objectives of the RSRP are:

1. Encourage researchers from inside and outside of the Sultanate to submit research proposals aimed at reducing the problem of traffic crashes in Oman
2. Increase research capacity in the field of road safety by supporting graduate students working on the research proposals submitted
3. Provide scientific research results to decision-makers in the relevant authorities for use in the development of evidence-based policies to prevent/reduce the problem of traffic injuries/fatalities.

To date the RSRP has funded four specific research projects. One project is currently being undertaken by John Hopkins University, another is being undertaken by Transport Research Laboratories (TRL) and further two are currently underway at the Centre for Accident Research and Road Safety-Queensland (CARRSQ) within the Queensland University of Technology. The latter CARRSQ projects are the focus of this symposium.

Thursday 15 October: 2:00pm – 3:30pm

Room 4

Symposium

**Asian Development Bank Package of Actions to
Improve Road Safety in ASEAN**

Key Organiser:

Professor Narelle Haworth

CARRS-Q, QLD University of Technology

07 3138 8417

n.haworth@qut.edu.au

Overview:

In 2011, more than 75,000 people died in road crashes in the ten member countries of the Association of South East Asian Nations (ASEAN) and many times this number sustained long term injuries. Improving road safety outcomes in ASEAN is not only important for the welfare and economic benefit of these countries, but given that a significant proportion of the world's population lives in ASEAN, it will strongly influence whether the aims of the United Nations Decade of Action for Road Safety and the Sustainable Development Goals are reached. For this reason, the Asian Development Bank, funded by the Japan Fund for Poverty Reduction, has funded a package of action to improve road safety in ASEAN. This symposium will discuss the new approach taken by ADB, the steps in the development of a regional road safety strategy, the development of a new index of road safety maturity for use in comparing and monitoring performance, and the role of national consultants. This approach will be relevant to experts from other regions as well as those delegates with a special interest in ASEAN countries.

Thursday 15 October: 2:00pm – 3:30pm

Room 9

Workshop

Regulating Supply and Use: Why do we have to choose which regulation to break?

Key Organiser:

Eric Chalmers

Kidsafe ACT

02 6290 2243

chalmers@netspeed.com.au

Overview:

The specification of the requirements for legal sale (supply) and use of products intended to improve the safety of road users is vested in a range of agencies and across a range of jurisdictions. While everyone has the same road safety objectives in view, our practice has drifted apart and it is now possible to legally purchase and use a road safety product in one jurisdiction but, across a border it is illegal, subject to a fine. Conversely, a road safety product that is legal to purchase in one jurisdiction may be illegal to supply in another.

This workshop aims to identify and explore existing problems with inter-jurisdictional differences in regulation of products used for road safety and provide an opportunity for participants to discuss and identify effective ways to overcome the issue through joint, coordinated action. It involves presentation of an extended abstract and summary of comments from stakeholders followed by invited respondents and a moderated discussion. The workshop is targeted towards regulators, administrators, drafters, enforcement and road safety researchers dealing with motorcycle helmets, bicycle helmets, child restraints and other road safety products.

Thursday 15 October: 3:30pm – 5:00pm

Room 4

Symposium

Road Safety in Low and Middle Income Countries

Key Organiser

Dr Mark King

CARRS-Q, QLD University of Technology

07 3138 4546

mark.king@qut.edu.au

Overview:

It is estimated that 90% of the world's road fatalities occur in low and middle income countries, yet most of the research and discussion about road safety takes place in highly motorised countries. The two symposia on road safety in low and middle income countries are targeted at delegates who are interested in the nature of road crash problems in low and middle income countries and the ways that they can be addressed. Each symposium includes presentations of papers on either strategic or specific road safety issues in low and middle income countries, and the discussion will emphasise a sharing of delegate experiences of road use and related safety issues in such countries. With the likely inclusion of road safety goals and targets in the Sustainable Development Goals, to be launched in 2016, the symposia will offer a timely opportunity to reflect on the challenges involved in achieving the targets.

Presenters:

- Martin Small, Martin Small Consulting
- Mark King, Queensland University of Technology
- Femi Olowu, Federal Road Safety Corps

Thursday 15 October: 3:30pm – 5:00pm

Room 8

Symposium

**Driving Heavy Vehicle Safety through Technology: challenges, results
and lesson learned at Toll Group**

Key Organiser:

Sarah (Serje) Jones

Toll Group Health, Safety and Environment

03 9694 2816, 0409 146 095

sarah.jones@tollgroup.com

Overview:

Toll Group is Australia's largest road transport operator. Its nearly 3000 heavy vehicles travel around 300 million kilometres delivering 54 million consignments each year. Speed, fatigue and driver inattention/distraction are key policy challenges for Toll and other operators in the heavy vehicle space. This symposium represents the most comprehensive and considered analysis of Toll's relationship with technology to reduce crash and incident risk in the company's 125 year history.

The symposium explores the cultural, regulatory and economic context within which the industry operates and provides an in-depth analysis of Toll's experience with in-vehicle cameras, driver-state sensing machines (DSS) and driver simulators. The analysis focuses on challenges, results (both in safety and productivity terms) and lessons learned. The consistent theme is that technology is not, in itself, a panacea but an enabler. Results are contingent on understanding and engaging with the cohort – drivers - whose behaviour you seek to change.

Friday 16 October: 11:30am – 3:15pm

Room 4

Symposium

World Bank and iRAP – How to halve road deaths and injuries by 2020 across the Asia Pacific Region – and how you can help!

Key Organiser:

Rob McInerney

International Road Assessment Programme (iRAP)

rob.mcinerney@irap.org

Overview:

The UN has set an ambitious target to halve road deaths and injuries by 2020. This will require a change in road safety leadership, scale and action across Asia and the Pacific. The World Bank and other development agencies will play a critical role in achieving this target and the session will explore World Bank leadership, scale and action with case studies from India and the Pacific Islands and iRAP work across the Asia Pacific Region. Participants will be encouraged to share ideas and suggestions for upcoming road safety projects.

Presenters:

- Christopher R. Bennett, World Bank, Sydney Australia - **“Road safety – an essential element of all road improvement projects”**
- Rajesh Rohatgi & Sri Kumar Tadimalla, World Bank, India - **“World Bank support to Road Safety in India: Evolving trends and approaches”**
- Christopher De Serio, World Bank, Washington D.C. - **“Bank's development of open source software and the Data for Road Incident Visualization Evaluation and Reporting (DRIVER) platform”**
- Rob McInerney, International Road Assessment Programme (iRAP) - **“Maximising travel on 3-star or better roads – Global results from over 500,000km of roads”**

Followed by a panel discussion including:

- Soames Job, World Bank
- Luke Rogers, International Road Assessment Programme (iRAP)

Friday 16 October: 11:30am – 1:00pm

Room 6

Symposium

VicRide: Development and Evaluation of an On-road Motorcycle Coaching Program for Novice Riders

Key Organiser:

Professor Rebecca Ivers

The George Institute for Global Health, University of Sydney

02 9657 0361

rivers@georgeinstitute.org.au

Presenters:

- Rebecca Ivers, The George Institute for Global Health, University of Sydney
- Chika Sakashita, the George Institute for Global Health, University of Sydney
- Mark Russell, VicRoads

Overview:

In 2010, VicRoads, the road authority for the State of Victoria, Australia, commissioned a randomised trial involving 2400 riders to investigate the safety benefits of coaching for novice motorcyclists. This symposium will discuss the rationale for the program, the principles underpinning the curriculum and the program's effect on rider safety. The effectiveness was independently evaluated and the results of the evaluation will be released. Speakers will include Mark Russell from VicRoads, to discuss the implementation, and Professor Rebecca Ivers and Dr Chika Sakashita, from the George Institute, who discuss the evaluation and its findings. Further discussion is expected on policy implications and next steps for motorcycle safety in Victoria.

Friday 16 October: 2:00pm – 3:15pm

Room 4

Workshop & Discussion

Pacific Road Safety Project Design

Key Organisers:

Key Organiser:

Rob McInerney

International Road Assessment Programme (iRAP)

rob.mcinerney@irap.org

Overview:

Conference delegates are invited to an interactive workshop session to share their experience and expertise in helping shape a comprehensive World Bank funded road safety project for the Pacific Region.

Friday 16 October: 2:00pm – 3:15pm

Room 9

Symposium

**MUARC-TAC Enhanced Crash Investigation Study
Scientific Committee**

Key Organisers:

Dr Ioni Lewis and Dr Kerry Armstrong

CARRS-Q, QLD University of Technology

07 3138 4966 / 07 3138 8418

i.lewis@qut.edu.au / ka.armstrong@qut.edu.au

Overview:

This symposium is a collection of presentations relating to the MUARC-TAC Enhanced Crash Investigation Study.

The presentations are:

- A platform to understand the causes and consequences of serious injury crashes presented by Michael Fitzharris, Monash University Accident Research Centre;
- Incidence and patterns of lower extremity injuries sustained during frontal offset crashes presented by Marnie Reilly, Monash University Accident Research Centre; and
- Using event data recorders and simulated crash reconstructions in the analysis of crash causation presented by Sujanie Peiris, Monash University Accident Research Centre.