



ARSC2018 Preliminary Conference Program

(as at 20 Sept 2018 - Subject to change)

Tuesday 2 October 2018 - Conference Pre-Day	
12.00pm	Registration Opens
	Pre-Conference Meetings/Events (Invitation Only)
1.00pm - 5.00pm	1. Early Career Professionals Event 2.00pm -5.00pm - Open to all Road Safety Professionals within their first 8 years of professional work (Sponsor: ACT Government) - Room E3.7 2. Senior Policing/Enforcement Meeting - Room E3.2 3. Road Safety Educators Meeting - RSEGA - Room E3.3 4. Austroads Safety Task Force Meeting (9.00am to 5.00pm) - Room E3.4 5. Heads of Workplace Safety Authorities (HWSA) Meeting (1.00pm - 4.00pm) - Room E3.5 6. Australian Naturalistic Driver Study (ANDS) Meeting - Room E3.6 Technical Tour - CrashLab, Huntingwood (delegates must have pre-registered)
5.00pm - 6.00pm	Pre-Conference Networking Function - FOR ALL CONFERENCE DELEGATES - The Gallery
Wednesday 3 October 2018	
7.30am	Registration Opens
7.30am - 8.30am	Arrival Tea & Coffee & Exhibition Open
	<u>Conference Opening Plenary - Pyrmont Theatre</u>
	MC - Dr Marilyn Johnson, co-Vice President ACRS
	Welcome to Country: Aunty Ann Weldon, Metropolitan Local Aboriginal Land Council
	Official Opening and Welcome
	Mr David McTiernan and A/Prof Teresa Senserrick, Co-Chairs ARSC2018 Mr Lauchlan McIntosh AM, President, Australasian College of Road Safety Mr Nick Koukoulas, Chief Executive Officer, Austroads Mr Kevin Anderson MP, Member for Tamworth & Parliamentary Secretary for Regional Roads, Maritime and Transport Hon. Michelle Roberts MP, WA Minister for Roads Safety & Police (includes links to ARSC2017 outcomes)
	<i>Sponsored by Department of Infrastructure, Regional Development and Cities</i>
	Guest Speakers
	Hon. Dr. T. Bella Dinh-Zarr, NTSB Mr Llew O'Brien MP, Federal Member for Wide Bay
10.30am - 11.00am	Morning Tea, Exhibition & Poster Displays - The Gallery
	<u>Plenary 2 - Where Does Road Safety Strategy/Planning and Action Need to Go? - Pyrmont Theatre</u>
	MC - Mr Lauchlan McIntosh AM, President, Australasian College of Road Safety
11.00am - 12.30pm	Mr David Bobbermen - NRSS Action Plan 2018-2020 + NRSS Strategy forward planning 2021+ A/Prof Jeremy Woolley, CASR - National Review Mr Bernard Carlon, Transport for NSW - Road Safety Plan 2021 Panel Session: Plenary Speakers & Hon. Dr. T. Bella Dinh-Zarr, NTSB
12.30pm - 1.30pm	Lunch, Exhibition & Poster Presentation Session - The Gallery

Concurrent Sessions 1 - Wednesday								
Room	Pyrmont Theatre	Room C2.1	Room C2.2	Room C2.3	Room C2.4	Room C2.5	Room C2.6	Room E3.5
Chair	Jason Thompson	David McTiernan & Mick Savage	Ioni Lewis	Teresa Senserrick	Stuart Newstead	Matthew Baldock & Sarah Dalton	Mark King	Darren Neagle
	SYMPOSIUM 1	Local Government Road Safety	Road Safety Communication	SYMPOSIUM 2	Emerging Methods for Infrastructure Programming	Safe Passing Distance	SYMPOSIUM 3	WORKSHOP
1.30pm - 1.50pm	New Research Applications for Tackling Complex Road Safety Issues A Complex Systems Ergonomics Approach to Road Safety: Using STAMP, Cognitive Work Analysis, and Systems Dynamics to Understand and Prevent Road Trauma	Delivering Safe System Outcomes in Mildura Lisa Steinmetz ARRB	Saving Lives on Country Roads Campaign: Helping Achieve the Towards Zero Target in Regional NSW Ruth Graham Transport for NSW	Motorcycle Safety Awareness Month LAUNCH – Motorcycle Awareness Month Steve Pearce on behalf of the Motorcycle Council of NSW Claire Murdoch Transport for NSW	Automated Safety Evaluation of Intersections using Advanced Video Recognition Technology Md Mazharul Haque Queensland University of Technology	Understanding Lane Encroachment using a LIDAR Measurement Device Chris Stokes University of Adelaide	Enhancing Enforcement of Road Safety Regulations in Low- and Middle-Income Countries Introduction and Overview of the Dimensions of Enforcement Capacity (Star Rating) Ray Shuey Strategic Safety Solutions	Road Safety Educators Towards Zero: A Whole of Community Approach to Road Safety Education Darren Neagle Transport for NSW
1.50pm - 2.10pm	Paul Salmon University of the Sunshine Coast Cognitive Work Analysis to Identify Potential Risks from the Introduction of Advanced Autonomous Vehicles Gemma Read University of the Sunshine Coast	Road Safety – Is It a Local Government Priority? (What Does the Experience Suggest?) David McTiernan ARRB	#BagAPhoneNotABody: A Low Cost and High Reach Social Media Campaign Joel Tucker RACQ	Emerging Research Gray Knight Transport and Road Safety Research Centre, The University of New South Wales	Application of Macroscopic Safety Models for Hot Zone Identification Richard Amoh-Gyimah Main Roads Western Australia	Regulating Safe Driving Behaviour: Passing Stationary Emergency and Enforcement Vehicles with Flashing Warning Lights Christopher Poulter VicRoads	"No Helmet-No Petrol" - Making Compulsory Wearing of Helmets by Motorcycle Riders Srinivas Puppala Transport Dept, Hyderabad, Telangana, India	Road safety education is a crucial element of the Safe System. Road safety needs to be visible well beyond the curriculum, as children, young people and their families travel on the network everyday. Early childhood services, schools, families and local communities can sustain positive, reciprocal interactions beyond the classroom to support the road safety education of children and young people.
2.10pm - 2.30pm	The Utilisation of Agent-Based Models (ABMs) for Understanding Mechanisms Contributing to Vulnerable Road User Safety Jason Thompson University of Melbourne	Crash Data - When it's Wrong, are we Putting More Lives at Risk? Graham Orr Port Stephens Council	One-Way to Two-Way: Facilitating Road Safety Conversations on Social Media Dushyant Sharma Transport for NSW	Holger Moeller The George Institute for Global Health, UNSW Sydney Liz de Rome Institute for Frontier Materials, GTP Research, Deakin University	Using Lidar Data to Enrich the Diagnosis of Safety Problems and Collision Causes Gerry Shimko City of Edmonton	How Well can Drivers Judge the Distance when Passing Bicycles? Narelle Haworth CARRS-Q	Role of Enforcement Agency in Implementing Helmet Laws in Rajasthan Srinivas Rao Police Dept, Jaipur, Rajasthan, India	
2.30pm - 2.50pm	Action Recognition to Prevent Fatigue-Related Road Trauma using Artificial Intelligence Jasper Wijnands University of Melbourne Explaining Recent Inflections in the Australian Road Toll Rod McClure University of New England	Exploring Local Government Challenges in Effective Road Safety Delivery Paul Durdin Abley Transportation Consultants	Exploring the Effectiveness of Different Types of Humour in Road Safety Advertising Campaigns Ioni Lewis QUT	Developing the Motorcycle Clothing Assessment Program David Beck Transport for NSW	Black Spots and Telematics: The Link between Driver Behaviour Data, Road Safety, and the Black Spot Program Jerome Carslake ARRB	Findings from the Evaluation of the NSW Minimum Passing Distance Trial Lucy Filardo Transport for NSW Narelle Haworth CARRS-Q	Police Countermeasures in the Enforcement of Alcohol Impaired Driving Visal They Cambodian National Police, Phnom Penh	
2.50pm - 3.10pm		Horns and Hooves on the Highway - A Collaborative Approach to Road Safety Encourages Local and Regional Involvement Greg Hayes WALGA RoadWise	Thanks for the Meme-ories. Better Driver Behaviour, One Laugh at a Time Sonia Roberts NSW Police Force		Application of Machine Learning to Severe Injury Prediction in Rural Run-off-road Crashes Chris Jurewicz ARRB	How Much Space to Vehicles Provide when Passing Cyclists? The Impact of Vehicle Type and Road Infrastructure Ben Beck Monash University		
3.10pm - 3.30pm	Afternoon Tea, Exhibition & Poster Displays - The Gallery							

3.30pm - 5.10pm								
Concurrent Sessions 2 - Wednesday								
Room	Pyrmont Theatre	Room C2.1	Room C2.2	Room C2.3	Room C2.4	Room C2.5	Room C2.6	Room E3.5
Chair	David McTiernan	Rebecca Brookland	Marilyn Di Stefano	Gray Knight & Duncan Mcrae	Kathryn Collier & Peter Palamara	Ben Beck	Lori Mooren	Darren Neagle
	SYMPOSIUM 4	Driver Behaviour: New Insights into Fatigue and Distraction	Inclusiveness and Driving	Motorcycle Safety	Novice Drivers: Training Programs	Infrastructure Programs and Evaluation	Road Safety in LMIC	Road Safety Education in Schools
3.30pm - 3.50pm	Debate: A Systems Approach to Road Safety: A Step Change for Road Safety? Blair Turner <i>Australian Road Research Board</i> Paul Roberts <i>Australian Road Research Board</i>	Assessing the Combined Effects of Task Factors and Sleep Need on Driving Rainer Zeller <i>UNSW Sydney</i>	Exploring User Centred Design Processes to Develop Ideas for Greater Social Responsibility Towards Fitness to Drive Simone Steel <i>VicRoads</i>	Further Research on Attachments Mounted on an Approved Motorcycle Helmet: Do they Increase Injury Risk? Dan Leavy <i>Transport for NSW</i>	Technology and Driver Education for Indigenous Australians Alana Hawkins <i>Queensland University of Technology</i>	Beyond BCR: Ensuring Return on Investment while Strategically Delivering Safe System Outcomes Bruce F Corben <i>Corben Consulting</i> Shaun Luzan <i>VicRoads</i>	Preparation of a Road Safety Strategy for the City of Addis Ababa Martin Small <i>Martin Small Consulting</i>	Bringing the Streets into the Classroom: Using Augmented Reality in Primary Schools to Teach Road Safety Awareness David Gribble <i>Constable Care Child Safety Foundation</i>
3.50pm - 4.10pm	Brett Hughes <i>Department of Transport</i> Johan Strandroth <i>VicRoads</i>	Banding Together to Predict Driver Fatigue: A Trial of Wearable Activity Monitoring Devices John P Wall <i>Transport for NSW</i>	Vehicle Modification Prescription for Drivers with Disabilities: Development of Consensus Based Prescription Guidelines to Optimise User Interfaces and Safety Marilyn Di Stefano <i>VicRoads</i>	RAC Motorcycling Survey 2017 Anna Sawyer <i>RAC WA</i>	Psychosocial Factors, Goals for Driver Education and Perceptions of Driver Education Lyndel Bates <i>Griffith University</i>	Using ANRAM to Assess the Impacts of Network-Wide Road Safety Interventions: Development and Experience of the SSRIP Planning Tool Anthony Kaissidis <i>VicRoads</i> Shaun Luzan <i>VicRoads</i>	On-Road Observations to Identify Key Contributors to Road Trauma, and Opportunities for Road Safety Improvements in Lao PDR Chika Sakashita <i>Global Road Safety Solutions</i>	Educating Upwards - Empowering Children to be Custodians of their Safety on the Road Venera Owens <i>NRMA</i>
4.10pm - 4.30pm		The Efficacy of Driver Performance and Subjective Measures for Investigating Fatigue and Distraction: A Simulator Study Christine Mulvihill <i>Monash University Accident Research Centre</i>	Trial of Improved Procedures for Driver Licence Tests Administered by Occupational Therapists John Catchpole <i>ARRB</i>	Market Basket Analysis of Powered Two Wheeler Crashes in Metropolitan Roads A Case Study from Chennai City, India Venkatesh Balasubramanian <i>IIT Madras</i>	An Exploratory Study of Professional Driving Instruction and Encouraging the Development of a Self-Regulated Safety Orientation in Novice Drivers Natalie Watson-Brown <i>University of the Sunshine Coast</i>	Focusing Investment on Zero - A New Investment Strategy for Victoria's Safe System Road Infrastructure Program (SSRIP) Shaun Luzan <i>VicRoads</i>	Child Road Safety in Bangkok: Implementing Local Measures whilst Advancing International Awareness and Collaboration Silvia Shrubbsall <i>Rotary Club Matilda Bay</i>	Identifying Road Safety Knowledge Gaps in Tasmanian Grade 3 and 4 Students Will Oakley <i>Royal Automobile Club of Tasmania</i>
4.30pm - 4.50pm		Mobile Phone Distraction: Understanding the Inconsistencies between Simulator and Naturalistic Driving Study Findings Mitchell Cunningham <i>ARRB</i>	Closed Roads to Safe People Pre-Learners, Disabilities and Caravans: Using Closed Roads to Develop Safe Drivers Kathryn Collier <i>Metropolitan Traffic Education Centre Inc.</i>	Overcoming Methodological Issues in a Systems Approach to the Analysis of Motorcycle Crash Data Liz de Rome <i>Deakin University</i>	The Redevelopment of DriveSmart: A New Life for an Evidence-Based Approach to Online Learner Driver Training Phil Wallace <i>Learning Systems Analysis</i>	The Challenges of Implementing Side Traffic Activated Rural Speeds (STARS) Sarah Morris <i>VicRoads</i>		Road Safety Education: Improving Outcomes through Community Collaboration Louise Cosgrove <i>Macquarie University - Kids and Traffic</i>
4.50pm - 5.10pm		What are Australian Drivers Doing Behind the Wheel? An Overview of Secondary Task Data from the Australian Naturalistic Driving Study Kristie Young <i>Monash University Accident Research Centre</i>	Calculating the Personal, Community and Social Impact: A Social Return on Investment Analysis of Vehicle Modifications for People With Disability Angela Berndt <i>University of South Australia</i>		An Educated Prevention: The Effectiveness of Police-Led, School-Based Driver Education Programs Levi Anderson <i>Griffith University</i>	An Investigation into Potential Migration of Run-of-Road Crashes after Treatments of Sites in Rural Western Australia Kyle Chi Ngok Chow <i>Curtin University</i>		Safer Cycling for Women: An Evaluation of a Cycling Skills Training Program Phoebe Dunn & Sarah Dalton <i>Amy Gillett Foundation</i>
5.30pm - 7.30pm	CONFERENCE WELCOME RECEPTION & ACRS 30th ANNIVERSARY CELEBRATION <i>The Gallery</i>							

Thursday 4 October 2018								
8.00am	Registration Opens							
8.00am - 8.30am	Arrival Tea and Coffee and Exhibition Open							
8.30am - 10.30am	<p>Plenary 3 - Road Safety in the Context of the Vehicle as a Workplace - Pyrmont Theatre MC: Ms Clare Gardiner-Barnes, Deputy Secretary, Freight, Strategy and Planning - Transport NSW</p> <p>Mr Martin Small, Martin Small Consulting Mr Stephen McDonald, Transurban Limited Prof Ann Williamson, TARS Ms Lisa Foley, SafeWork NSW</p> <p>Panel Session: Plenary Speakers & Mr Sal Petrocchio, NHVR, Senator Glenn Sterle, Federal Shadow Assistant Minister for Road Safety & Dr Ian Johnston AM, Independent Consultant</p>							
10.30am - 11.00am	Morning Tea, Exhibition & Poster Displays - The Gallery							
11.00am - 12.40pm	Concurrent Sessions 3 - Thursday							
Room	Pyrmont Theatre	Room C2.1	Room C2.2	Room C2.3	Room C2.4	Room C2.5	Room C2.6	Room E3.5
Chair	Julie Brown	Jerome Carslake	Marilyn Johnson	Teresa Senserrick	Melvin Eveleigh	Lisa Keay & Katherine Brown	Paul Graham	Phillip Brooks
	SYMPOSIUM 5	SYMPOSIUM 6 <i>Sponsored by State Insurance Regulatory Authority</i>	Cyclist Safety: New Research	SYMPOSIUM 7	Infrastructure Programming	Older Drivers	Policy: Setting Goals for the Future <i>Sponsored by NSW Government</i>	WORKSHOP
11.00am - 11.20am	Advanced Vehicle Technologies and Automation Crash Reduction and Driver Experience with Advanced Vehicle Technologies and Automation: Studies from the Insurance Institute of Highway Safety	The Workplace, why does Road Safety Management Vary so Much? Luke Byrnes <i>Nestle Australia</i> Keith Hoskins <i>APA Group</i>	Is There Evidence to Support the Risk Compensation Hypothesis for Bicycle Helmet Use? Jake Olivier <i>University of New South Wales</i>	Post-Crash Response - Case Study and Latest Advances Teresa Senserrick <i>Transport and Road Safety Research, The University of New South Wales</i>	Best Practice in Road Safety Infrastructure Programs Paul Durdin <i>Abley Transportation Consultants</i>	Determining Fitness to Drive for Drivers with Dementia: A Practitioner's Perspective Joanne Bennett <i>Australian Catholic University - Strathfield Campus</i>	Zero 2050 - A Planning Framework to Achieve Zero with a Date Johan Strandroth <i>VicRoads</i>	Policy - Heavy Vehicle Safety & Compliance Industry & Engagement Issues Ben Maguire <i>Australian Trucking Association</i>
11.20am - 11.40am	Jessica Jermakian <i>Insurance Institute of Highway Safety</i> Australasian NCAP and Safety Assist Systems Mark Tyrell <i>ANCAP</i>	Sarah Jones <i>Tall Group</i> Shane Stockill <i>Office of Industrial Relations</i> Ken Leacy <i>Suez</i>	Adults' Experience of Safety Issues when Riding with Children Julie Hatfield <i>University of NSW</i>	Max Thompson <i>Stay Upright Rider Training</i> Ryan Bell <i>Princess Alexandra Hospital</i> Ha Nguyen <i>John Walsh Centre for Rehabilitation Research, The University of Sydney</i>	Safe System Assessment: Delivering Safe System Outcomes Kenn Beer <i>Safe System Solutions Pty Ltd</i>	Transitioning from Driver to Non-Driver: Be Safe and not a Risk Boon Hong Ang <i>Monash University - Malaysia Campus</i>	Development of a New NSW Road Safety Plan and Integration with Transport Planning Outcomes through the Future Transport Strategy Bernard Carlon <i>Transport for NSW</i>	Russell White <i>Australian Road Safety Foundation</i>
11.40am - 12.00pm	Facilitators and Barriers to Implementation of Advanced Technologies and Automation Heelong Wong <i>Hyundai Motor Company Australia</i> Safety Benefits of Connected and Automated Driving Technologies in Australia and New Zealand	Mark Stephens <i>Uniting Care Queensland</i>	Reckless Cyclists or Impatient Drivers? A Naturalistic Study of Group Riding in Perth, Western Australia Michelle Fraser <i>Curtin University</i>		Streamlining Road Safety Risk Mapping and Intervention Programming on Local Networks: The Northland Transportation Alliance Risk Mapping Application Stephen Ford <i>Abley Transportation Consultants</i>	Sex Differences Evident in Self-Reported but not Naturalistic Measurement of Driving Patterns of Older Drivers: Implications for Safe Driving Programs Lisa Keay <i>The George Institute for Global Health</i>	The Relevance of Australasian Road Safety Strategies in a Future Context Brett Hughes <i>Curtin University</i>	
12.00pm - 12.20pm	David B. Logan <i>Monash University</i> A Safety Assurance System for Automated Vehicles - Addressing Safety Risks Arising Over the Automated Vehicle Lifecycle		Evidence for the 'Safety in Density' Effect for Cyclists; Validation of Agent-Based Modelling Results Jason Thompson <i>University of Melbourne</i>		Contemporary Guidance on Management of Road Safety Audits Auttapone Karndacharuk <i>ARRB</i>	Bouncing Back and Maintaining Mobility: The Relationship between Resilience and Driving in the Ozcandrive Study Renée Marie St. Louis <i>Monash University Accident Research Centre</i>	The Power of Partnership: Lessons from Road Safety Week Caroline Perry Brake <i>The Road Safety Charity</i>	
12.20pm - 12.40pm	Helen Tsirlina <i>National Transport Commission</i>		Translating Research into Practice: Insights into Practical Pathways to Apply New Research Findings Marilyn Johnson <i>Monash University</i>		Safety Solutions on Mixed Use Urban Arterial Roads Blair Turner <i>ARRB</i>	Preparing for Driving Cessation: More Thought than Action Rebecca Brookland <i>University of Otago Dunedin School of Medicine</i>	Integrating Safe System Principles Throughout TMR's Business Lachlan Moir <i>Queensland Department of Transport and Main Roads</i>	
12.40pm - 1.30pm	Lunch, Exhibition & Poster Presentation Session - The Gallery							

1.30pm - 3.10pm	Concurrent Sessions 4 - Thursday							
Room	Pymont Theatre	Room C2.1	Room C2.2	Room C2.3	Room C2.4	Room C2.5	Room C2.6	Room E3.5
Chair	John Wall	Elizabeth Waller	Lyndal Bugeja	David Andrews	Dimitra Vlahomitros	Helen Reddan	Clare Anderson	Phillip Brooks
	ITS & AD Estimated Benefits and Trials	Road Safety in Construction, Workplace and Industrial Zones	Driver Behaviour and Road Infrastructure	Emergency Response and Rehabilitation	Pedestrian	Crash Analysis: Cyclists	SYMPOSIUM 8 Sponsored by National Transport Commission	Policing: Drink Driving Deterrents
1.30pm - 1.50pm	Field Operational Test for Cooperative Intelligent Transport Systems (C-ITS) Andry Rakotonirainy CARRS-Q	Managing Vulnerable Road User Safety in Urban Environments during Construction of Major Transport Infrastructure Projects Michael William Holmes Transport for NSW	Road User Perception of Safety at Safe System Intersections Chris Stokes University of Adelaide	Prognostic Capacity of Orebro Musculoskeletal Pain-Short Questionnaire in Predicting Recovery Following Non-Fatal RTIS: Results from an Inception Cohort Study Ha Nguyen John Walsh Centre for Rehabilitation Research, University of Sydney	An Evaluation Framework for Pedestrian Safety in Victoria Bruce F Corben Corben Consulting	Review of Coroners' Recommendations following Fatal Cyclist Crashes Involving Heavy Vehicles Marilyn Johnson Monash University	Reducing Fatigue Related Crashes – Addressing the Gaps for Improved Road Safety Current Gaps in Fatigue and Road Safety Clare Anderson Monash University and CRC for Alertness, Safety and Productivity	Development of a New Drink-Driving Package for Victoria Christopher Freethy VicRoads
1.50pm - 2.10pm	Trialing Connected Vehicle Technology in Privately-Owned Light Vehicles: An Australian First Anna Chevalier Australian Road Research Board	Are Highway Constructions Associated with Increased Transport Incidents? A Case Study of NSW Pacific Highway Construction Zones 2011-16 Patricia Lemin Mid North Coast Local Health District	Effects of Lane Width and Posted Speed Limit on Speed Selection Behaviour of Drivers Jason Deller Bega Valley Shire Council	Potentially Preventable Road Trauma Deaths in Victoria Ben Beck Monash University, Australia	Safe Travel to School - Treatments to Encourage Walking and Cycling to Primary School John Poynton Safe Systems Solutions Pty Ltd	Characteristics of Single Cyclist Injury Crashes in South Australia Giulio Ponte The University of Adelaide	Recent Advances in Fatigue Detection – Developing a Roadside Test for Fatigue Jennifer Cori Institute of Breathing and Sleep and CRC for Alertness, Safety and Productivity Distraction or Fatigue? – Allocation of Attention Due to Fatigue Clare Anderson Monash University and CRC for Alertness, Safety and Productivity	Evaluation of the Performance of Alcohol and Drug Awareness Courses Currently Provided in the ACT James Thompson Centre for Automotive Safety Research
2.10pm - 2.30pm	Road Safety Benefits of Level 3 and Level 4 Automated Vehicles and Fleet Transition David Young Transport Accident Commission	Partnership Policing and Road Policing: Is there Value? Lyndel Bates Griffith Criminology Institute, Griffith University	3M Connected Roads - Enabling Tomorrow's Technologies Today Konstantinos Karagiannopoulos 3M	Unfolding the Full Extent of Major Road Trauma Crashes Helen Fagerlind Neuroscience Research Australia	Using Evaluation to Drive Program Improvement: Permanent 40 Km/H Speed Limits in High Pedestrian Activity Areas in NSW Rae Fry Transport for NSW James Holgate Martin Small Consulting	The Role of Kinetic Energy in Bicyclist's Injury Severity at Intersections David Logan Monash University Accident Research Centre	Awareness of Sleepiness – Are Drivers Aware of Fatigue While Driving Mark Howard Institute of Breathing and Sleep and CRC for Alertness, Safety and Productivity	Random Breath Testing on our Motorways Greg Donaldson & Adrian Grech NSW Police Force
2.30pm - 2.50pm	Where do we go from here? Predictability in Tomorrow's Traffic Andry Rakotonirainy QUT	Vehicles as Workplaces - A New Framework for a Critical Road Safety Management Issue Martin Small Martin Small Consulting	Australian Naturalistic Driving Study (ANDS): Using 20,000 Trips to Get a Glimpse at Locations and Speeds where Data Was Collected Gregoire Sebastien Larue CARRS-Q	Factors Influencing Time To Claim Closure In Older Versus Young Road Traffic Injury Claimants Katherine Brown George Institute for Global Health	Investigating Factors Associated with Hit-and-Run Crashes in Indian Metropolitan City Using Association Rules Venkatesh Balasubramanian IIT Madras	Identifying and Treating High Risk Locations on High Speed Roads for Cyclist Crashes David Milling ARRB	Toward a Performance-Based Approach to the Queensland Alcohol Ignition Interlock Program: The Impact of Performance Record on Risk of Recidivism Vanessa Cattermole-Terzic Queensland Department of Transport and Main Roads	
2.50pm - 3.10pm	Local and Global Evaluation of Risk, Impact of C-ITS Sebastien Glaser Queensland University of Technology	Embedding Road Safety in Businesses Hannah Parnell Transport for NSW	Designing Road Tunnels to Optimise User Experience and Safety: A User-Centred Approach Asif Hassan Australian Road Research Board	Post-Crash Transport Decisions for Patients with Traumatic Spinal Cord Injury: Does it Differ Between States and Does it Matter? Lisa Nicole Sharwood University of Sydney	Injury Characteristics of Cyclist Versus Vehicle Crashes in South Australia Tori Lindsay University of Adelaide	Picture This - You're in a Traffic Jam. The Use of Imagery to Influence Road User Behaviour Sonia Roberts NSW Police Force		
3.10pm - 3.30pm	Afternoon Tea, Exhibition & Poster Displays - The Gallery							

3.30pm - 5.10pm								
Concurrent Sessions 5 - Thursday								
Room	Pyrmont Theatre	Room C2.1	Room C2.2	Room C2.3	Room C2.4	Room C2.5	Room C2.6	Room E3.5
Chair	Rae Fry	Nicola Fotheringham	Kenn Beer	John Matta	Julie Brown & Bianca Albanese	Jake Olivier	Dan Leavy	Ralston Fernandes
	ITS & AD Behaviour & Acceptance	Commercial Vehicles	SYMPOSIUM 9	SYMPOSIUM 10	Occupant Protection	Crash Analysis	Speed Management in Different Settings	Policing: Policing and Enforcement
3.30pm - 3.50pm	Understanding User Perceptions and Experiences with Cooperative and Automated Vehicles Clare Murray <i>Queensland Department of Transport and Main Roads</i>	Workplace Cyclist Safety: A Review of Safety Practices at Deliveroo Marilyn Johnson <i>Monash University</i>	Cyclists, Heavy Vehicles and Safety - Amy Gillett Foundation Safe Together Competition 2018	Safe System Road Infrastructure Program Symposium: Practical Plans to Achieve the Objectives of Towards Zero Vision Zero 2050 in Victoria Johan Strandroth <i>Safe System Lead, SSRIP, VicRoads</i> Focusing the Investment of Today on the Vision of Zero Shaun Luzan <i>SSRIP, VicRoads</i> The Role of Knowledge Management and Evaluation to Achieve Zero Amir Sobhani <i>SSRIP, VicRoads</i> Innovative Methods to Develop and Deliver Towards Zero Projects Daniel Mustata <i>SSRIP, VicRoads</i> Developing the Community Understanding of Towards Zero Vision Arpad Maksay <i>SSRIP, VicRoads</i> Breaking Down Barriers to the Environment – The Challenge of Making Zero Real Joanna Kowalczyk <i>SSRIP, VicRoads</i>	Who hasn't it Clicked for? Understanding non-Seat Belt use in Fatal Vehicle Crashes in New Zealand Lily Hirsch <i>Mackie Research</i>	Protecting Motorists and Road Works against Wrong Way Drivers Andrew Stevens <i>Auckland Motorways / Beca</i>	Recommendations to Reduce Speeding-Related Crashes in the United States Nathan Doble <i>National Transportation Safety Board</i>	Characteristics of Offenders Attending a Traffic Offender Intervention Program in New South Wales, Australia Ian Faulks <i>Queensland University of Technology</i>
3.50pm - 4.10pm	Validation of a Driving Simulator for Research in Human Factors of Vehicle Automation Nebojsa Tomasevic <i>Monash University</i>	Priorities for Improving the Safety of the Victorian Taxi Fleet Stuart Newstead <i>Monash University Accident Research Centre</i>			Development of non-Redirective Crash Cushions for Improving the Safety of Occupants Jaehong Park <i>Korea Institute of Civil Engineering and Building Technology</i>	The Crash Performance of Seagull Intersections and Intersections with Left Turn Slip Lanes Shane Turner <i>Stantec NZ</i>	The Queensland Speed Conversation - Changing the Way Motorists Look at Speed Peter Kolesnik <i>Queensland Department of Transport and Main Roads</i>	Self-Reported Response to a Licensing Point System Julie Hatfield <i>University of NSW</i>
4.10pm - 4.30pm	Public Awareness, Understanding and Acceptance of Automated Vehicles: An International Survey of Australian and New Zealand Respondents Selena Ledger <i>ARRB</i>	Exploring Crash Characteristics and Injury Outcomes among Older Truck Drivers: An Analysis of Truck-Involved Crash Data in the United States Sharon Newnam <i>Monash University Accident Research Centre</i>			How Safe are the Cars on our Roads? Data Visualisations to Analyse NSW Light Vehicle Fleet Safety at a Glance Sandra Pangestu <i>Transport for NSW</i>	Comparing Crashes: A Safe System Analysis of Serious Injury and Fatal Crashes in New Zealand Dylan Thomsen <i>NZ Automobile Association</i>	Implementation Principles for 30 km/h Speed Limits and Zones Auttapone Karndacharuk <i>ARRB</i>	Unmanned Aerial Vehicle based Speeding and Tailgating Detection System Sébastien Demmel <i>Queensland University of Technology</i>
4.30pm - 4.50pm	Simulation Platform for the Prototyping, Testing, and Validation of Cooperative Intelligent Transportation Systems at Component Level Sebastien Glaser <i>Queensland University of Technology</i>	An Evaluation of the Roadworthiness of Victorian Buses Jianrong Qiu <i>Monash University Accident Research Centre</i>			Safer Vehicles: Is Our Own House in Order? Michael Timms <i>NSW Police Force</i>	Older Drivers may not have a Greater Risk of Intersection Crashes than Drivers in Younger Age Groups Matthew Baldock <i>Centre for Automotive Safety Research</i>	Calibrating Infrastructure Risk Rating (IRR) to Inform Speed Management in Queensland Haris Zia <i>Abley Transportation Consultants</i>	Road Traffic Infringements and Crash Risk: Is there Evidence of a Deterrent Influence? Hayley Maree McDonald <i>Monash University Accident Research Centre</i>
4.50pm - 5.10pm	Cutting Through the Hype: Measuring Driver Attention and Actual Driver Take-Over Times in Automated Driving Mike Lenné <i>Seeing Machines</i>					Re-investigation of Roadside Risk Factors Associated with Run-off-road Casualty Crashes in Victoria, Australia Farhana Ahmed <i>ARRB</i>	A New Proactive Approach to Speed Limit Setting in Queensland Andrew Pine <i>Department of Transport and Main Roads, Queensland</i>	Police Pursuits in NSW: Just the Facts...and Figures Kris Cooper <i>NSW Police Force</i>
6.30pm - 11.00pm	<p align="center">CONFERENCE GALA DINNER & AWARDS CEREMONY <i>Doltone House - Jones Bay Wharf</i> Including presentation of the prestigious '3M-ACRS Diamond Australasian Road Safety Awards' & ACRS 2018 Fellowships by the Federal Minister for Infrastructure and Transport & Deputy Prime Minister Hon Michael McCormack MP Gala Dinner Sponsor's Address - Mr Scott Charlton, Transurban Limited</p>							

Friday 5 October 2018								
8.00am	Registration Opens							
8.00am - 8.30am	Arrival Tea & Coffee & Exhibition Open							
8.30am - 10.30am	<p>Plenary 4 - Integrating Road Safety into Road Transport Planning - Pyrmont Theatre MC: Professor Rebecca Ivers - School of Public Health and Community Medicine, UNSW Sydney</p> <p>Ms Clare Gardiner-Barnes, Deputy Secretary, Freight, Strategy and Planning - Transport for NSW Mr Richard de Cani, Arup Mr David Bobbermen, Austroads Safety Program Manager Mr Mick Savage, IPWEA NSW Panel session: Plenary Speakers</p>							
10.30am - 11.00am	Morning Tea, Exhibition & Poster Displays - The Gallery							
11.00am - 12.40pm	Concurrent Sessions 6 - Friday							
Room	Pyrmont Theatre	Room C2.1	Room C2.2	Room C2.3	Room C2.4	Room C2.5	Room C2.6	Room E3.5
Chair	Jamie Ross	Kate Hunter	Joanna Robinson	Bridie Scott-Parker	Martin Small	David Logan	Angela Watson	David Bobbermen
	SYMPOSIUM 11	SYMPOSIUM 12	Transport Planning for Mobility and Safety	Policy: Novice Driver Safety	Heavy Vehicles	Roadside Design	SYMPOSIUM 13	WORKSHOP
11.00am - 11.20am	Construction Logistics and Community Safety Construction Logistics and Community Safety (CLOCS): Australia's Major Transport Projects Bringing UK's World Best Practice to Australia	Getting the Inside Scoop – The Nexus Between Research, Policy and Practice: Working in Partnership towards Road Safety for Aboriginal and Torres Strait Islander People Implementation Research – Bringing Research to the Practitioner and Policy Space	Safely Integrating Public Transport within the Road Environment Melvin Eveleigh <i>Transport for NSW</i>	Cycle-Aware: Preparing Novice Drivers to Interact Safely with Cyclists Narelle Haworth <i>CARRS-Q</i>	How does Inattentive Deafness and Auditory Exclusion impact on Urgent Duty Driving of Heavy Vehicles in Emergency Services? Peter McMillan <i>Queensland University of Technology</i>	Putting Safe System into Practice - Raised Safety Platform Guidelines Sean Yates <i>VicRoads</i>	Mini-Symposium: Road Safety Data Linkage Victorian Pilot Data Linkage: Match Rates and Serious Injury Metrics Paulette Ziekemijer <i>TAC</i>	Local Government I A Comprehensive User Guide for Road System Managers and Local Government
11.20am - 11.40am	Jamie Ross <i>Rail Projects Victoria</i> Stephen Jones <i>Sydney Metro</i> Matthew Bennett & Lydia Foster-Smith <i>AJM-JV Metro Tunnel Project</i>	Kate Hunter <i>The George Institute for Global Health</i> Setting the Research Scene - Understanding Driver Licensing and Road Safety for Aboriginal and Torres Strait Islander People	"Driving" vs. Road Safety: A Grass Roots Exploration of the Salience of Road Safety Dushyant Sharma <i>Transport for NSW</i>	Are Young Adults' Licensing Rates Still Declining? Lisa Wundersitz <i>University of Adelaide</i>	NSW Police Force Traffic and Highway Patrol. A Response to Road Trauma and Non-Compliance in the Heavy Vehicle Industry Robert Toynton <i>Traffic and Highway Patrol Command</i>	Putting Safe System into Practice - Safe System Roadside Design Principles Evan Coulson <i>VicRoads</i>	Data Linkage and use of Serious Injury Data in NSW Hassan Raisianzadeh <i>Transport for NSW</i> Austroads National Data Linkage Project	This topic will cover a summary of all the best practices through the life cycle of road management and the production of a user guide to assist local government. This will include considerations from planning through to project delivery, to maintenance and operations. There are some options of how this material can be organised and the emphasis placed on the content. Local government input to this is key to a satisfactory output which is practical for use by local government practitioners.
11.40am - 12.00pm	Panel Jamie Ross Stephen Jones Lora Colussi & Lydia Foster-Smith	Rebecca Ivers & Trish Cullen <i>The George Institute for Global Health</i> Driver Licensing and Child Car Seat Use (NSW & NT Experience) Bobby Porykali <i>The George Institute for Global Health Representatives from Key Organisations Including Louise Cosgrove, Kids and Traffic Early Childhood Road Safety Program</i>	Practicalities of Integrating Road Safety with Movement and Place Functions: A Case Study of Conflict and Compromise Melvin Eveleigh <i>Transport for NSW</i>	Enhancing the NSW Graduated Licensing Scheme Rachel Butterly <i>Transport for NSW</i>	Why Bulk Liquid Cargoes Shall Be Secured For The Safe Transportation In Mobile Tanks Erik Eenkhoorn <i>Accede b.v.</i>	Deployment of Intelligent Advanced Stop Warning Signs in New Zealand Bridget Southey-Jensen <i>Abley Transportation Consultants</i>	Panel Discussion: Road Safety Data Linkage: Challenges and Next Steps Moderator: Angela Watson James Harrison Hassan Raisianzadeh Paulette Ziekemijer Ann Williamson	A Comprehensive User Guide for Road System Managers and Local Government Speakers TBC
12.00pm - 12.20pm		Current Focus and Initiatives – Working across the Sectors George Shearer <i>Roads and Maritime Services</i>	Can Mobility Management Deliver the Next Step-change Towards Safe System Chris Jurewicz <i>ARRB</i>	NSW High Performance Vehicle Scheme for Provisional Drivers Dan Leavy <i>Transport for NSW</i>	A Time Series Analysis of Periodic Heavy Vehicle Inspections and Road Safety Outcomes in Queensland Mark Hickman <i>University of Queensland</i>	Understanding and Improving the Performance of a Public Domain Guard Fence System David Williamson <i>VicRoads</i>		
12.20pm - 12.40pm			Defining Practical "Consistent Look and Feel" for Light Rail Customers and Road Users Airdrie Long <i>Transport for NSW</i>	Situation Awareness in Young Novice Ambulance Drivers: So Much More than Driving Bridie Scott-Parker <i>University of the Sunshine Coast</i>	On-Road and Driver Fatalities at Toll Group: What the Data Reveals about Risk and Opportunity in Our Pursuit of Zero Sarah Jones <i>Toll Group</i>	Implications of Traffic Sign Recognition Systems for Road Operators Mark Rowland & Yasmin Roper <i>Arup</i>		
12.40pm - 1.40pm	Lunch, Exhibition & Poster Presentation Session - The Gallery							

Concurrent Sessions 7 - Friday								
1.40pm - 3.00pm	Pyrmont Theatre	Room C2.1	Room C2.2	Room C2.3	Room C2.4	Room C2.5	Room C2.6	Room E3.5
Chair	Andrew Meier	Eric Chalmers		Bridie Scott-Parker & Barry Watson	Julie Hatfield		Marilyn Di Stefano	David Bobbermen
	SYMPOSIUM 14	Child Restraint <i>Sponsored by Transurban Limited</i>		SYMPOSIUM 15	Driver Distraction		Drug Impaired Driving	WORKSHOP
1.40pm - 2.00pm	Current and Emerging Challenges and Opportunities in Level Crossings An Active Look at Level Crossings: Deconstructing their History, Underpinning Theory, and Role Today Anjum Naweed <i>CQ University Adelaide</i>	A Consumer-Centric Approach to Designing Information Supplied with Child Restraints Reduces Errors in Use: Laboratory Results and Field Study Protocol Jane Elkington <i>Neuroscience Research Australia</i>		Road Safety of Young Drivers - A Global Perspective Bridie Scott-Parker & Natalie Watson-Brown <i>Sunshine Coast Mind and Neuroscience-Thompson Institute, University of the Sunshine Coast</i>	Can we Explain Attention-Related Errors While Driving? Xiaomeng Li <i>Queensland University of Technology</i>		Roadside Oral Fluid Testing for Illicit Drugs in Western Australia: Trend in Testing and Offences and Characteristics of Offenders, 2008-2015 Peter Gerard Palamara <i>Curtin University</i>	Local Government II LAUNCH - Network-wide Design for Improved Road Safety This topic will cover the road safety launch of the world-leading process of defining the standards for each corridor to achieve the best road safety outcome. This will include considerations of safe system, road design dimensional guidance, safety treatments, speed management, and resourcing constraints in an integrated decision-making model. The process is expected to take no longer than one month to complete for an outlook of 10 years and delivers on the commitments made under the National Road Safety Action Plan 2018-2020. The process simply pre-calculates existing model outputs from iRAP and ANRAM and presents this information for typical cross sections and road stereotypes for easy reference and use. While this process will support all road management jurisdictions, the process has been developed specifically to support Local Government as approximately 50% of fatality and serious injury crashes occur on local government roads.
2.00pm - 2.20pm	Level Crossings from the Regulator's Perspective Peter Doggett <i>Office of the National Rail Safety Regulator</i>	Are Type-G Child Restraints (Large Forward-1 Facing Restraints with 2 Inbuilt Harnesses) Safer than Booster Seats? A Preliminary Crash Test Basuki Suratno <i>Transport for NSW</i>		Barry Watson <i>CARRS-Q, Queensland University of Technology</i>	Considering Distracted Driving when Developing a Mobile App – the LinktGO Case Study Michael Dalic <i>Transurban</i>		Prevalence of Drugged Driving in New Zealand Paul Graham <i>New Zealand Transport Agency</i>	
2.20pm - 2.40pm	Practical Considerations in Changes to Level Crossing Warnings from the Road and Rail Perspectives Gemma Read <i>University of Sunshine Coast</i>	Frontline Support - Enhancing Child and Family Health Nurses' Knowledge about Child Car Seats Vicki Milne <i>Kidsafe NSW</i>		React - Swinburne Students Challenged by Businesses to Create Behavioural Change in their Peers around Truck Safety Jerome Carslake <i>ARRB</i>	A Fresh Approach to Distracted Driving: Implications for Policy Stuart Maxwell <i>Department of Transport and Main Roads Queensland</i>		Roadside Random Drug Testing in Victoria 'Making Towards Zero Happen' Tom McGillan <i>Victoria Police</i>	
2.40pm - 3.00pm	Partnering for Road Safety at Level Crossings: New South Wales Traffic and Highway Patrol Command Mick Timms <i>NSW Police</i>	Who uses Child Restraint Fitting Stations? Results of a Parent Survey Lynne E Bilston <i>Neura</i>		Prepl: Redesigning Queensland's Learning and Assessment for Learner Drivers Andrew Mahon <i>Queensland Department of Transport and Main Roads</i>	Jaywalking at Signalised Intersections in Melbourne Richard Tay <i>RMIT University</i>		Collaborative Development of an Alcohol and Other Drug Risk Management Resource for Trucking Companies Victoria Pyta <i>VicRoads</i>	Speakers TBC
3.00pm - 3.30pm	Afternoon Tea, Exhibition & Poster Displays - The Gallery							
3.30pm - 5.00pm	<p>Plenary 5 - Conference Review - Pyrmont Theatre MC: A/Prof Jeremy Woolley - ACRS Secretary (Overview of Plenary 5) Mr Eric Chalmers, 3M Diamond Award Recipient, 2017 A/Prof Jeremy Woolley - Conference Wrap Up A/Prof Teresa Senserrick and Mr David McTiernan, Co-Chairs ARSC2018 - Conference Wrap Up and Award Announcements</p> <p>Presentation of the Conference Awards for Best Papers/Posters/Presentations</p> <ol style="list-style-type: none"> Peter Vulcan Award for Best Research Paper - \$1,000 prize plus certificate - Sponsored by Transurban Road Safety Practitioners Award - \$1,000 prize plus certificate - Sponsored by Transurban Best Paper by a New Researcher Award (previously John Kirby Award) - \$1,000 prize plus certificate - Sponsored by Transurban Road Safety Poster Award - \$500 prize plus certificate - Sponsored by Transurban Conference Theme Award - \$500 prize plus certificate - Sponsored by Transurban Best Paper by a New Practitioner Award - \$1,000 plus certificate - Sponsored by Transurban Best Paper with Implications for Improving Workplace Road Safety - \$1,000 plus certificate + NRSPP Thought Leadership Piece & Webinar (Sponsor NRSPP) <p>Invitation to ARSC2019 - Mr Martin Small & A/Prof Jeremy Woolley Thank you and Goodbye - A/Prof Teresa Senserrick and Mr David McTiernan - Peoples Choice Award & Lucky Door Prize(s) Draw</p>							
5.00pm	Conference Ends							