PROGRAM

****PLEASE NOTE: ALL times shown are in AEST i.e. Brisbane, Queensland time - please adjust according to your own timezone****

WEDNESDAY 8 DECEMBER	
8.00am – 5.00pm	**Registration Desk Open** **Location:** D-101
8.00am – 9.00am	**Coffee & Networking** **Location:** D-101
9.00am – 10.30am	**Opening Plenary** **Chair:** Brendan O'Keeffe **Room:** D-301
9.00am – 9.15am	**Forum Welcome and Acknowledgement of Country**
9.15am – 9.35am	**Opening Address: COVID has been a disruptor to the way we move people goods and services around our cities and around the world (P01)** The Hon Mark Bailey MP, Queensland Minister for Transport and Main Roads
9.35am – 10.15am	**What is the value of Strategic Transport Models in the next normal? Some clues as to enhancements required to recognise the changing landscape (P02)** Prof David A. Hensher: Professor and Founding Director, Institute of Transport and Logistics Studies, The University of Sydney
10.15am – 10.30am	**Housekeeping**
10.30am – 11.00am	**Morning Tea** **Location:** D-101

Program correct at time of printing but subject to change

Artist Impression Courtesy of Brisbane City Council

PLEASE NOTE: ALL times shown are in AEST i.e. Brisbane, Queensland time - please adjust according to your own timezone

WEDNESDAY 8 DECEMBER (CONTINUED)				
11.00am – 12.20pm	**Concurrent Session 1**			
	Session 1A: Active Transport	**Session 1B: Public Transport**	**Session 1C: Traffic Modelling**	**Session 1D: Economics**
	Room: D-101	**Room:** D-301	**Room:** D-304	**Room:** D-307
	Chair: Fay Golbabaei, QUT	**Chair:** Benjamin Kaufman, GU	**Chair:** Matthew Burke, GU	**Chair:** Shubham Sharma, QUT
11.00am – 11.20am	**Evaluating the impacts of personal mobility devices (e-scooters) in Central Brisbane (38)** Rhiannon Pace and Michael Pollard, Queensland University of Technology	**Australia's long distance passenger train and coach services: international comparisons (33)** Phil Potterton, Economic Connections	**Combining multiple traffic data sources to estimate Macroscopic Fundamental Diagram in large-scale 3 urban networks (36)** Elham Saffari, The University of Queensland	**Assessing Toll Road Demand in New Zealand (122)** Neil Douglas, Douglas Economics
11.20am – 11.40am	**Influence of walking accessibility on older people walking preference (54)** Kaniz Fatima, RMIT University	**The impact of bus network reform on the resilience of Melbourne's public transport system (62)** Ian Woodcock, Swinburne University of Technology	**Estimation of origin-destination flows in large scale traffic networks (41)** Sakitha Kumarage, The University of Queensland	**The development and application of a land use, transport and economy interaction model (71)** Henry Le, AECOM
11.40am – 12.00pm	**Brisbane's developments in e-mobility (74)** Brendan O'Keeffe, Brisbane City Council	**Neighbourhood typology and bus use: A simplified approach to predict bus demand (32)** Jeyashivraj Parthiban, Wellington Shire Council	**Network-wide traffic simulation with multi-agent imitation learning (61)** Jie Sun, The University of Queensland	**Optimal toll charges for multi-class vehicles in City Logistics (28)** Loshaka Perera, University of Moratuwa
12.00pm – 12.20pm	**Empirical identifiability of Latent Class Models: Theoretical analysis and application to multiple heuristics modelling (72)** Felipe Gonzalez-Valdes, Pontifica Universidad Católica de Chile	**Case Study: Standard deviation as a reliability 3 measure for public transport managed by headways (135)** Mathew Hounsell, University of Technology Sydney	**Traffic Forecasting in a Freeway Corridor using Seasonal ARIMA Model** Mahmuda Akhtar, RMIT University (117)	
12.20pm – 1.10pm	**Lunch** **Location:** D-101			

Program correct at time of printing but subject to change

PLEASE NOTE: ALL times shown are in AEST i.e. Brisbane, Queensland time - please adjust according to your own timezone

WEDNESDAY 8 DECEMBER (CONTINUED)

1.10pm – 1.55pm	**Debate: That micromobility is good for cities** **Chair:** Matthew Burke **Room:** D-301			
	The rise of small electric bikes, scooters, and skateboards has started transforming urban travel in Australian cities. Queensland now has public e-scooter sharing systems in cities as diverse as Townsville, Bundaberg, Hervey Bay and Brisbane. But is this 'micromobility' revolution good for cities? **Participants:** Dr Abraham Leung, Griffith University Brendan O'Keeffe, Brisbane City Council			
1.55pm – 2.00pm	**Room Change**			
2.00pm – 3.20pm	**Concurrent Session 2**			
	Session 2A: Demand Modelling	**Session 2B: Freight**	**Session 2C: Big Data**	**Session 2D: COVID**
	Room: D-101	**Room:** D-301	**Room:** D-304	**Room:** D-307
	Chair: Yiping Yan, GU	**Chair:** Mark Hickman, UQ	**Chair:** Dan He, UQ	**Chair:** Prithvi Beeramoole, QUT
2.00pm – 2.20pm	**A new employment market segmentation-'purple collar' for transport models, a case study in South-East Queensland, Australia (127)** Yiping Yan, Griffith University	**Australian Road Freight – Measuring and Modelling (23)** David Gargett, Bureau of Infrastructure and Transport Research Economics	**Data-driven Traffic Incident Prediction with Hybrid Graph-based Neural Network (58)** Thanh Tran, The University of Queensland	**The Impacts of COVID-19 Pandemic on The Volume and Pattern of Public Transport Trips in The Greater Sydney Area (45)** Seyed Sina Mohri, University of Melbourne
2.20pm – 2.40pm	**Do digital natives telework more than digital immigrants? (60)** Yu-Tong Cheng, University of Melbourne	**Freight modelling in Australia in 2021 – A data availability perspective (88)** Caitlin McHugh, Veitch Lister Consulting	**Pavement Monitoring: A Comparison of Smartphone and Accelerometer sensors (77)** Amir Shtayat, RMIT University	**The impact of working from home on travel demand: a methodology and preliminary estimates from Victoria (49)** Tim Bryant, Victorian Department of Transport
2.40pm – 3.00pm	WITHDRAWN	**Predicting freight demand for planning loading docks (50)** Russell Thompson, University of Melbourne	**Multi-Level Trajectory Clustering for Identifying Path Choice Set (85)** Chintan Advani, Queensland University of Technology	**Pedestrian activity in Melbourne, Australia in response to COVID-19 (40)** Mahsa Naseri, Monash University
3.00pm – 3.20pm	**The influence of weather on bus ridership for different passenger types in Canberra, Australia (92)** Emily Moylan, The University of Sydney	**Planning for urban freight through loading dock provision in new developments (51)** Michael Stokoe, Transport for NSW		
3.20pm – 3.40pm	**Afternoon Tea** **Location:** D-101			

Program correct at time of printing but subject to change

PLEASE NOTE: ALL times shown are in AEST i.e. Brisbane, Queensland time - please adjust according to your own timezone

WEDNESDAY 8 DECEMBER (CONTINUED)				
3.40pm – 4.40pm	**Concurrent Session 3**			
	Session 3A: Social/Economic	**Session 3B: Public Transport**	**Session 3C: New Technology, attitudes and behaviour**	**Session 3D: Transport History**
	Room: D-101	**Room:** D-301	**Room:** D-304	**Room:** D-307
	Chair: Kelly Bertolaccini, GU	**Chair:** Madison Bland, GU	**Chair:** Zeke Ahern, QUT	**Chair:** Matthew Burke, GU
3.40pm – 4.00pm	**The lived experience of transport limitations in Melbourne's growth areas (57)** Annette Kroen, RMIT University	**Beyond prohibition: policy options for pets on public transport (79)** Jennifer Kent, The University of Sydney	**Attitudes towards automated vehicles: a Dutch-Australian comparison (24)** Tony Arnold, The University of Sydney	**Observations on electric vehicle's first hurrah - horse, steam and electric tramway technology adoption rates in the UK 1860s to 1960s (108)** Robert Smith, East Economics
4.00pm – 4.20pm	**The Logan DRT Trial: Socio-demographic analysis of users (19)** Ben Kaufman, Griffith University	**Research issues arising from a review of themes at the formal-informal transport interface in developing countries (105)** David Ashmore, TSA and University of Melbourne	**How Governments Influence Autonomous Vehicle (AV) Innovation (34)** Doina Olaru and Brett Smith, University of Western Australia	**Overcoming the Brisbane River: The Cross River Commission of 1926 (75)** Brendan O'Keeffe, Brisbane City Council
4.20pm – 4.40pm			**Decision field theory: an extension for real-world settings (70)** Thomas O. Hancock, University of Leeds	**A Retrospective on the Adelaide Area Transportation Study (13)** Robert Nairn
4.40pm	**Close Day One**			
6.00pm – 7.30pm	**Welcome Reception** (Sponsored by Griffith University) Ship Inn, South Bank			Griffith UNIVERSITY Queensland, Australia Cities Research Institute

Program correct at time of printing but subject to change

PLEASE NOTE: ALL times shown are in AEST i.e. Brisbane, Queensland time - please adjust according to your own timezone

THURSDAY 9 DECEMBER	
8.00am – 5.00pm	**Registration Desk Open** **Location:** D-101
8.00am – 9.00am	**Coffee & Networking** **Location:** D-101
9.00am – 10.25am	**Plenary 2** **Chair:** Alexander Paz **Room:** D-301
9.00am – 9.10am	**Day 2 Welcome**
9.10am – 9.35am	**The Future of Transport in Brisbane (P03)** Cr Ryan Murphy, Civic Cabinet Chair for Transport, Brisbane City Council
9.35am – 10.00am	**Artificial Intelligence and F1 Grand Prix - What's that got to do with Intelligent Network management (P04)** Dr Kellie Nuttall, Partner, Deloitte Australia
10.00am – 10.25am	**Update on Australian Transport Assessment & Planning Guidelines (P05)** Dr Peter Tisato, Technical Coordinator, Australian Transport Assessment & Planning Guidelines
10.25am – 11.00am	**Morning Tea** **Location:** D-101

Program correct at time of printing but subject to change

PLEASE NOTE: ALL times shown are in AEST i.e. Brisbane, Queensland time - please adjust according to your own timezone

THURSDAY 9 DECEMBER (CONTINUED)				
11.00am – 12.20pm	**Concurrent Session 4**			
	Session 4A: Active Transport	**Session 4B: Public Transport**	**Session 4C: Traffic Modelling**	**Session 4D: Economics**
	Room: D-101	**Room:** D-301	**Room:** D-304	**Room:** D-307
	Chair: Shubham Sharma, QUT	**Chair:** Maisie Rahbar, UQ	**Chair:** Jie Sun, UQ	**Chair:** Abraham Leung, GU
11.00am – 11.20am	**Transport as recreation - Road sharing in regional Victoria (43)** Robbie Napper, Monash University	**The catalytic effects of public transport infrastructure on urban renewal: the case of level crossing removal projects in Melbourne (118)** Abdulrhman Gbban, Monash University	**Modelling network-wide travel time variability: A case study (96)** Elnaz Irannezhad, ARRB	**BCR: Benefit Cost Ratio or Barely Capturing Reality? (89)** Anthony Vine, NineSquared
11.20am – 11.40am	**Maintaining shared automobile, bicycle, and pedestrian facilities: Towards a multi-objective approach (103)** Sue McNeil, University of Delaware	**Examining if Reliability and Efficiency are Key 2 Parameters for Customers in the Arbitration of 3 Service Quality Targets (136)** Mathew Hounsell, University of Technology Sydney	**Maximum queue length estimation at signalized intersections using shockwave theory and Kalman filter (46)** Wanuji Abewickrema, The University of Queensland	**Valuing Life when Roads are Increasingly Safe (126)** Neil Douglas, Douglas Economics
11.40am – 12.00pm	**A GIS-based Walkability Analysis for the Greater Adelaide Metropolitan Area: An Evaluation of the AURIN Walkability Index (109)** Arsham Bassiri Abyaneh, University of South Australia	**How can we build trust and collaboration among the stakeholders in a MaaS eco-system? (53)** Thiranjaya Kandanaarachchi, The University of Sydney	**Tourists, Visitors and Urban Modelling (16)** Robert Nairn	**Accounting for the social benefits of regional transport investments – A case study from the Great Western Highway Upgrade Program (97)** Lee Jollow and Kapil Kulkarni, RPS
12.00pm – 12.20pm	**Network Assessment for Cycling, the Inner Adelaide Case (37)** Ali Soltani, University of South Australia			
12.20pm – 1.20pm	**Lunch (Sponsored by NineSquared)** **Location:** D-101			
1.20pm – 2.10pm	**Debate: That Sports Events Create a Great Transport Legacy** **Chair:** Tom Frost **Room:** D-301 NineSquared			
	For many years cities have competed for the right to host major sporting events with the expectation that they will leave a legacy of urban regeneration and improved transport infrastructure, but is this expectation justified?			
	For the Affirmative: • Barry Gyte, *Gyte Consulting* • Jane Hornibrook, *Hornibrook Consulting*		**For the Negative:** • Prof Matthew Burke, *Griffith University* • Anthony Vine, *NineSquared*	

Program correct at time of printing but subject to change

PLEASE NOTE: ALL times shown are in AEST i.e. Brisbane, Queensland time - please adjust according to your own timezone

THURSDAY 9 DECEMBER (CONTINUED)				
2.10pm – 3.30pm	**Concurrent Session 5**			
	Session 5A: Demand Modelling	**Session 5B: Freight Modelling / Economics**	**Session 5C: Big Data / Pavements**	**Session 5D: COVID**
	Room: D-101	**Room:** D-301	**Room:** D-304	**Room:** D-307
	Chair: Fay Golbabaei, QUT	**Chair:** Christopher Johnson, GU	**Chair:** Dan He, UQ	**Chair:** Zeke Ahern, QUT
2.10pm – 2.30pm	**Can partial structural information of travel demand improve the quality of OD matrix estimates? (120)** Krishna Behara, Queensland University of Technology	**Multimodal network routing problem using Multimodal Leg Outcome (MLO) table (115)** Surya Prakash, University of the South Pacific, Fiji	**Mindfulness and commuting to campus: Pilot study from Monash University (87)** Alexa Delbosc, Monash University	**The Implications of Working-from-home for transportation: literature review (83)** Brett Smith, University of Western Australia
2.30pm – 2.50pm	**Recalibrating travel demand models using Census data and household travel survey data from other jurisdictions: A case study of Greater Adelaide (100)** Ali Ardeshiri, University of South Australia	**Rethinking rail freight access: developing a new policy agenda (129)** Phil Bullock and Tom Frost, NineSquared	**A data-driven approach to benchmark route choice 1 set generation algorithms (107)** Chintan Advani, Queensland University of Technology	**The impact of COVID-19 pandemic on parcel delivery pattern in Sydney (67)** Masoud Kahalimoghadam, The University of Sydney
2.50pm – 3.10pm	**Reducing car use without changing mode (130)** Elizabeth Ampt, Concepts of Change	**Stakeholder decisions shaping urban freight (27)** Loshaka Perera, University of Moratuwa	**A Comparison Study of Different Data Resolutions for Deep Reinforcement Learning Based Adaptive Traffic Signal Control System (59)** Mobin Yazdani, University of Melbourne	**Lockdowns and Lags: Lessons from the effect of COVID-19 on the Perth transportation system (125)** Tristan W. Reed, Curtin University
3.10pm – 3.30pm	**Modelling small-area electric vehicle uptake across Australia (86)** David Mitchell and Robert Monterosso, Bureau of Infrastructure and Transport Research Economics		**Impacts of Autonomous Vehicles on Road and Pavement Design (113)** Long Truong, La Trobe University	
3.30pm – 3.50pm	**Afternoon Tea** **Location:** D-101			

Program correct at time of printing but subject to change

PLEASE NOTE: ALL times shown are in AEST i.e. Brisbane, Queensland time - please adjust according to your own timezone

THURSDAY 9 DECEMBER (CONTINUED)				
3.50pm – 4.50pm	**Concurrent Session 6**			
	Session 6A: Social / Economic	**Session 6B: Safety**	**Session 6C: New Technology**	**Session 6D: History**
	Room: D-101	**Room:** D-301	**Room:** D-304	**Room:** D-307
	Chair: Chintan Advani, QUT	**Chair:** Madison Bland, GU	**Chair:** Prithvi Beeramoole, QUT	**Chair:** Benjamin Kaufman, GU
3.50pm – 4.10pm	**Planning with Country: Has the transport profession begun the journey? (64)** Eric Keys, RMIT University	**A conceptual approach towards the evaluation of the vulnerability of urban railway network infrastructure by analysing railway accident reports (31)** Wei-Ting Hong, The University of Sydney	**The Potential Impact of Informational Cues on Willingness-to-Pay for Driverless Cars (20)** Milad Ghasri, University of NSW	**Australian Transport planning in the 1970s (14)** Robert Nairn
4.10pm – 4.30pm	**Age, Transport, and Technology: Older Queenslanders' travel behaviours and use of transport-related technology (66)** Kelly Bertolaccini, Griffith University	**On the transferability of traffic conflict-based safety assessment methods: A case of crash frequency-by-severity prediction models (29)** Md Mazharul Haque, Queensland University of Technology	**Framework for field evaluation of signal cooperative intelligent transport system use cases as based on the Ipswich Connected Vehicle Pilot (91)** Joshua Elder, Queensland University of Technology	**Lies, Damned Lies and Statistics (21)** Alex Wardrop
4.30pm – 4.50pm	**Exploring a Social Licence to Operate the Road System (22)** William Young, Monash University	**Dynamic Assessment of Regulation and Policy Framework in the Cybersecurity of Connected and Autonomous Vehicles (124)** Shah Khalid Khan, RMIT University	**Planning for the electrification of Australasian road transport (26)** Tim Brooker, EMM Consulting	**Evolution of Sydney's Bus Network: 1925 to 2020 (99)** Hema Rayaprolu, The University of Sydney
4.50pm	**Close Day Two**			

Program correct at time of printing but subject to change

PLEASE NOTE: ALL times shown are in AEST i.e. Brisbane, Queensland time - please adjust according to your own timezone

FRIDAY 10 DECEMBER				
8.00am – 1.30pm	**Registration Desk Open** **Location:** D-101			
8.00am – 9.00am	**Coffee & Networking** **Location:** D-101			
9.00am – 10.20am	**Concurrent Session 7**			
	Session 7A: Demand Modelling/ Safety	**Session 7B: New Technology**	**Session 7C: COVID**	**Session 7D: Economics**
	Room: D-101	**Room:** D-301	**Room:** D-304	**Room:** D-307
	Chair: Yiping Yan, GU	**Chair:** Maisie Rahbar, UQ	**Chair:** Mark Hickman, UQ	**Chair:** Matthew Burke, GU
9.00am – 9.20am	**Can a metaheuristic be used to assist in discrete choice modelling? (104)** Prithvi Bhat Beeramoole, Queensland University of Technology	**Can MaaS change users' travel behaviour to deliver commercial and societal outcomes? (30)** Chinh Ho, The University of Sydney	**Pandemics and Urban Travel – Lessons for COVID-19 from the 1918-1920 Spanish Flu (73)** Graham Currie, Monash University	**Moving international shipping containers at seaports: A case study for Melbourne (35)** Dimitris Tsolakis, DT Consulting
9.20am – 9.40am	**Analysis of Head-on Heavy Vehicle Crashes in Queensland using Correlated Random Parameters with Heterogeneity in Means and Lindley (132)** Krishna Behara, Queensland University of Technology	**The commercial viability of Mobility-as-a-Service (MaaS): What's in it for existing transport operators, and why should governments intervene? (111)** Akshay Vij, University of South Australia	**How does the built environment shape active travel during COVID-19 travel restrictions? Evidence from Melbourne (42)** Mahsa Naseri, Monash University	**Crowding Costs and Expansion Factors for Sydney's Heavy Rail Network (76)** Alexander Svanberg, Transport for NSW
9.40am – 10.00am	**Crash risks during mandatory lane-changing manoeuvres in a connected environment (39)** Yasir Ali, Queensland University of Technology	**The prospects for Tourism-focused MaaS in Queensland (128)** Abraham Leung, Griffith University	**Implications of remote working for commute travel patterns in Australia (112)** Akshay Vij, University of South Australia	**'When the bough breaks': critical question for the crafting of Australia's bus franchises in the era of electric fleet (102)** David Ashmore, TSA Advisory
10.00am – 10.20am		**Do Trackless Trams need stronger roads? – the "weight" of evidence (80)** James Reynolds, Monash University	**Changing Work Practices, Active Travel, Health and Well-being during a Pandemic (134)** Stephen Greaves, The University of Sydney	**Global Market Appetite for Metro Rail (17)** Brendon Baker, Mott MacDonald

Program correct at time of printing but subject to change

PLEASE NOTE: ALL times shown are in AEST i.e. Brisbane, Queensland time - please adjust according to your own timezone

FRIDAY 10 DECEMBER (CONTINUED)				
10.20am – 10.40am	**Morning Tea** **Location:** D-101			
10.40am – 11.40am	**Concurrent Session 8**			
	Session 8A: Social/Economic	**Session 8B: Urban Design**	**Session 8C: Traffic Modelling**	**Session 8D: Safety**
	Room: D-101	**Room:** D-301	**Room:** D-304	**Room:** D-307
	Chair: Abraham Leung, GU	**Chair:** Chintan Advani, QUT	**Chair:** Jie Sun, UQ	**Chair:** Kelly Bertolaccini, GU
10.40am – 11.00am	**Birds and Roads: A Longitudinal Study of a Major Road Project in SEQ (48)** Christopher Johnson, Griffith University	**Estimating location choice models in Australia (114)** Stuart Donovan, Vrije Universiteit Amsterdam	**An overview of dynamic traffic assignment models in practice (94)** Elnaz Irannezhad, ARRB	**Emergency search plan for complex premises (44)** Saeed Asadi Bagloee, University of Melbourne
11.00am – 11.20am	**Measuring the distributive impacts of electric vehicle policies (133)** Vincent Benezech, Veitch Lister Consulting	**Lessons for Adopting Microeconomic Land Use Models at the City Scale: Perth Case Study (116)** Doina Olaru, University of Western Australia	**Car Following Modelling with Constrained Generative Adversarial Imitation Learning (69)** Lin Lin, The University of Queensland	**Efficient Estimation of Crash Count Data via Meat-heuristic Solution Algorithm (90)** Zeke Ahern, Queensland University of Technology
11.20am – 11.40am		**Understanding the allocation and use of street space in activity centres (18)** Chris De Gruyter, RMIT University	**Modelling Travel Time Variability within Transport Networks: A Practitioner Oriented Approach (95)** Elnaz Irannezhad, ARRB	
11.40am – 11.45am	**Move to closing plenary room D-101**			
11.45am – 12.30pm	**Closing Plenary: Paper Prizes** **Chair:** Brendan O'Keeffe **Room:** Room D-301			
	Paper Prizes **Best Transport Modelling Paper Award** **Presented by:** Prof David A. Hensher Professor and Founding Director, Institute of Transport and Logistics Studies **John H Taplin Best Paper Award** **David Willis Best Student Paper Award** **Presented by:** Doina Olaru, Co-Chair, ATRF Scientific Committee			
	Conference wrap-up and announcement of ATRF 2022 Brendan O'Keeffe, ATRF 2021 Conference Chair and Lindsay Oxlad, ATRF 2022 Convenor and Prof Rocco Zito, ATRF 2022 Host University			
12.30pm – 1.30pm	**Lunch** **Location:** D-101			

Program correct at time of printing but subject to change

PLEASE NOTE: ALL times shown are in AEST i.e. Brisbane, Queensland time - please adjust according to your own timezone

FRIDAY 10 DECEMBER (CONTINUED)	
3.30pm – 5.00pm	**Tours** (Attendees to make their own way to meeting point)
	Cross River Rail and Brisbane Metro Briefing on the Cross River Rail project **Host:** Jordan Haimes, Community Engagement Officer, Cross River Rail Development Authority **Meeting Point:** Cross River Rail Experience Centre, Level 1/151 Elizabeth Street, Brisbane City
	Neuron e-mobility Showing behind the scenes operations of the Neuron Mobility **Host:** Dale Sinkowski, Brisbane City Operations Manager **Meeting Point:** Goodwill Bridge entry, QUT Gardens Point Campus. Tour ends at Neuron Mobility warehouse in Milton.

Program correct at time of printing but subject to change

SPONSORS

Host Partners

QUT

The University of Queensland AUSTRALIA

Griffith UNIVERSITY Queensland, Australia Cities Research Institute

Silver Sponsors

BRISBANE CITY
Dedicated to a better Brisbane

Queensland Government

Australian Government
Department of Infrastructure, Transport, Regional Development and Communications
Bureau of Infrastructure and Transport Research Economics

Bronze Sponsors

PTT TRAFFIC & TRANSPORT ENGINEERING

rps MAKING COMPLEX EASY

Queensland Government

Lunch Sponsor

NineSquared

eMobility Tour Sponsor

neuron