

Monday 17 February

- 9:00 am** **Registration:** Room 101 in the Civil & Environmental Engineering Building (H20) UNSW
- 9:30 am** **Conference opening – Opening remarks**
- 9:40 am** **Session 1**
- Estimating Human Energy Expenditure on Travel from Multi-Day Multi-Year GPS Data and its Implications about Stable Personal Travel Behaviour, *Asif Ahmed and Peter Stopher* *ITLS*
 - Consumer Benefit Model for Developing Public Transport Networks, *Edward Robson*** *rCITI*
 - Housing prices and price endogeneity in tenure and dwelling type choice models, *Chinh Ho* and David Hensher* *ITLS*
- 10:40 am** **MORNING TEA**
- 11:10 am** **Session 2**
- Key Performance Indicators For Freight Networks, *Martin Chow and Mende Gorgievski* *TfNSW*
 - Meeting Country Rail Freight Demand, *Aman Mankoo and Shaun Tabone* *TfNSW*
 - Integration, infrastructure and service reliability: understanding the challenges for regional aviation and the provision of airfreight services, *Tarryn Kille*, Paul Bates and Patrick S. Murray* *Griffith U*
 - A New Mathematical Programming Model for Transit Timetable Synchronisation, *Vahid Poorjafari*, Wen Long Yue and Nicholas Holyoak* *Uni SA*
- 12:30 pm** **LUNCH**
- 1:30 pm** **Session 3**
- Intelligent mobility on demand: a review of literature and tools and future directions, *Nicole Ronald* *U Melb*
 - A Feasibility Study into the use of String Transport Systems for Passenger Rail in New South Wales, *Aaron James Hargraves*** *UNSW*
 - What can we learn from previous road tunnel experience in Australia? *Jean-Francois Delvaen and Horst (Oz) Kayak* *TCPA (Vic)*
 - Stochasticity of Airport Passenger Arrival Process in System Dynamics, *David Sulejic* *QUT*
 - Overcoming small business opposition to sustainable transport projects that reduce car parking in urban town centres, *Claudine Moutou* and Stephen Greaves* *ITLS*
- 3:10 pm** **AFTERNOON TEA**
- 3:40 pm** **Session 4**
- Using the logsum to measure accessibility benefits of new cycling infrastructure, *Chris Standen** *ITLS*
 - Associations between Health and Active Transportation, *Nima Amini** *rCITI*
 - Addressing Accessibility Gaps in Network Operations Planning, *Ian Espada, David Green and Paul Bennett* *ARRB*
 - An Innovative System of Disaggregate Models for Trip Generation and Trip Attributes Using Random Forest Concept, *Milad Ghasri* and Taha Rashidi* *rCITI*
- 5:00 pm** **Day 1 sessions complete**
- 6:30 pm** **Dinner at Chao Praya Thai, 33 Perouse Rd, Randwick (at own cost)**

Note: * indicates postgraduate research student paper, ** undergraduate student paper.

Tuesday 18 February

9:00 am

Session 5

- Investigating the Braess Paradox within the 'User Equilibrium with Recourse' modelling framework, *Kasun Wijayaratna** rCITI
- Switching routes to prevent excessive traffic, *Rosemary Sharples** UTS
- Integrating Machine Learning with Optimization to Solve Large Scale VRP, *Mojtaba Maghrebi**, *Travis Waller* and *Claude Sammut* rCITI
- Retrieving Trip Information from a Discrete Detectors Network: the case of Brisbane Bluetooth detectors, *Gabriel Michau**, *Alfredo Nantes*, *Edward Chung*, *Patrice Abry* and *Pierre Borgnat* QUT+ENS Lyon

10:20 am

MORNING TEA

10:50 am

Session 6

- Smartphone-assisted Travel Surveys: Smart way for Transport Planning, *Hamid Safi*, *Mahmoud Mesbah* and *Luis Ferreira* UQ
- Using Leximancer to understand travellers' preferences for Park-and-Ride facilities *Ying Huang*, *Doina Olaru*, and *Brett Smith* UWA
- Travel-Time Patterns Benefitting Health and Wellbeing, *Horst (Oz) Kayak* and *Delvaen Jean-Francois* and *Marzieh Reisi* TCPA (Vic)
- Signal Metering Roundabout Evaluation using Fuzzy Logic, *Hong Ki An*, *Wen Long Yue* and *Nicholas Holyoak* Uni SA
- Assessment of Antenna Characteristic Effects on Pedestrian and Cyclists Travel-time Estimation based on Bluetooth and Wi-Fi Addresses, *Naeim Abedi**, *Ashish Bhaskar* and *Edward Chung* QUT

12:30 pm

LUNCH

1:30 pm

Session 7

- The impact of road grade on city-wide vehicle energy consumption and eco-routing , *Melissa Duell**, *Michael Levin* and *S. Travis Waller* rCITI
- Cumulative Effects Assessment for the Sustainability Analysis: A Study on Dhaka City Road Transport Sector, *Shirina Afroze**, *Rocco Zito*, *Andrew Allan* Uni SA
- Macroscopic Analysis of Brisbane Urban Network for Traffic Monitoring, *Takahiro Tsubota*, *Ashish Bhaskar* and *Edward Chung* QUT
- The integration of road network and vehicle emissions modelling, *Rocco Zito* Uni SA

2:50 pm

AFTERNOON TEA

3:20 pm

Session 8

- **Summary of activities and prizes**

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| 1. ARRB | 8. TCPA (Vic) |
| 2. ENS de Lyon | 9. TfNSW |
| 3. Griffith U | 10. U Melb |
| 4. ITLS | 11. Uni SA |
| 5. QUT | 12. UTS |
| 6. rCITI | 13. UWA |
| 7. SIDRA SOLUTIONS | |

Prizes

- The Robert L Pretty Memorial Prize offered by SIDRA SOLUTIONS for the best undergraduate student paper. <http://www.sidrasolutions.com/Resources/CAITR>
- The Rodney Vaughan Memorial Prize for the best postgraduate research student paper offered by the Urban Transport Institute (TUTI). <http://www.tuti.com.au/>

4:30 pm

CAITR sessions close
