

**Conference Program**  
**28<sup>th</sup> Conference of Australian Institutes of Transport Research (CAITR)**  
**6-8 December 2006**  
**School of Civil and Environmental Engineering, UNSW**

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**Wednesday, 6 December**

- 9:00 am Registration**  
Room 109, Level 1, Civil and Environmental Engineering Building
- 10:00 am Morning tea**
- 10:30 am Session 1 : Transport, environment and health** *Chair: Upali Vandebona*  
Conference opening by Professor Nick Ashbolt, Head of School of Civil and Environmental Engineering, UNSW
- Assessing Pedestrian Exposure to Fine Particulates at Fine Levels of Spatio-temporal Resolution  
*Qian Liu \* and Stephen Greaves* *ITLS U Sydney*
- Analysis of Minute-by-Minute Pollution Exposure Inside a Car - a Time-Series Modelling Approach  
*Tharit Issarayangyun and Stephen Greaves* *ITLS U Sydney*
- Transport, physical activity and health  
*Horst (Oz) Kayak* *RMIT University*
- Child pedestrian to school  
*Sharifuzan Anuar \** *University of Melbourne*
- 12.30 pm Lunch**
- 1.30 pm Session 2 : Freight transport** *Chair: Stephen Greaves*  
Development of a Graduate Unit of Study on Transport & Logistic Systems  
*Christopher J Skinner* *ITLS U Sydney*
- A freight capacity model  
*Yannick Michel and James Luk* *ARRB Group Ltd.*
- Inter-modal Transportation Design for Waste Recovery  
*Paul Beavis\*, Sara Bartoli, Francesca Michetti, Francesca Porta and Stephen Moore* *UNSW + Politecnico di Milano*
- 3.00 pm Afternoon tea**
- 3.30 pm Session 3 : Land Use planning** *Chair: Stuart Clement*  
A sustainability/accessibility metric for transport & land use decision making  
*Ken Doust\** *UNSW*
- An assessment of the negative impacts of road projects on some road users in a hypothetical congested network  
*John Taplin and Min Qiu* *University of Western Australia*
- Toward an examination and forecast model of travel impacts of telecommuting  
*Son The Vu\** *UNSW*
- 5.00 pm End Wednesday sessions**
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**Thursday, 7 December**

**9:00 am**    **Session 4** : Rail transport    *Chair: John Taplin*

A Framework of LRT in Kuala Lumpur, Malaysia

*A'zizan Hussain \**

*TSC, UniSA*

Investigation to enhance sustainable improvements in high speed rail transport

*Lara Brunello \*, Jonathan Bunker and Luis Ferreira*

*QUT*

The development of Malaysian Highway - Rail Level Crossing Safety Systems : A Research Framework

*Siti Zaharah Ishak\**

*TSC, UniSA*

**10:15 am**    **Morning tea**

**10:45 am**    **Session 5** : Urban planning

*Chair: Tu Ton*

Public Transport Performance Measures of Road Traffic Congestion Relief - Research Context and Directions

*Md. Aftabuzzaman\*, Graham Currie and. Majid Sarvi*

*ITS, Monash*

The Impacts of Public Transport Reliability on Passenger Wait Time

*Daniel Csikos\* and Graham Currie*

*ITS, Monash*

From Car Pooling to Carbon Pooling - a career of transitions

*Tony Richardson*

*The Urban Transport Institute*

Behavioural Impacts of Integrated Public Transportation Information System: A Research Framework

*Syahriah Bachok\**

*TSC, UniSA*

**12.30 pm**    **Lunch**

**1.30 pm**    **Session 6** : Traffic flow

*Chair: Tony Richardson*

Bus and car travel time model for arterial roads in Melbourne

*Michelle Su, Paul Bennett, James Luk and Charles Karl*    *ARRB Group Ltd*

Reliability evaluation on driver reaction characteristics

*Jin Jian*

*ILTS, University of Sydney*

Real time traffic data collection

*Tu Ton*

*CSIRO*

**3.00 pm**    **Afternoon tea**

**3.30 pm**    **Session 7** : Urban transport planning

*Chair: David Wilson*

Moreton 2030 - A Vision for Efficient Urban Structure in South East Queensland

*Chris Hale \**

*UQ Centre for Transport Strategy*

Institutional Issues in TDM implementation

*Sean Weier \**

*UQ Centre for Transport Strategy*

Network design concepts in urban transit systems

*Upali Vandebona*

*UNSW*

**5.00 pm**    **End Thursday sessions**

**6.00 pm**    **Conference dinner**

**Ubud**

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