

Wednesday 10th of DECEMBER

8:00 AM Registration

9:15 AM Welcome to the 30th CAITR

9:30 AM Plenary session

10:15 AM Morning tea break

Energy and environmental future
of Australia

Keynote speaker: Tom
Beer

CSIRO - Marine
and Atmospheric
Research

10:45 AM Session 1: Transport and environment

Chair: TBC

10:45 AM Paper 1:

Choice and demand elasticities for
new car and fuel technologies in
Australia

Zeenat Abdoolakhan

The University of
Western
Australia

11:05 AM Paper 2:

Air quality and the climate change
penalty. Will electric vehicles be
enough?

Sunhee Lee and Martin
Cope

CSIRO - Marine
and Atmospheric
Research

11:30 AM Session 2: Land use - transport interaction. How well do we plan?

Chair: TBC

11:30 AM Paper 1:

Household relocation in response
to TOD

John Taplin, Doina Olaru,
Min Qiu, and Brett Smith

The University of
Western
Australia

11:50 AM Paper 2:

How the Perth-Mandurah train
line has impacted on small to
medium enterprises

Roger Mellor and Carey
Curtis

Curtin University
of Technology

12:10 PM Paper 3:

A choice model for regional policy
in Western Australia

Clare Yu

Department of
Planning and
Infrastructure
WA

12:30 PM Lunch break

1:30 PM Session 3: Economic evaluation and transport policy

Chair: TBC

1:30 PM Paper 1:	Variable User Charging: Experiences and Extensions in a World of Carbon Emissions	Matthew Beck	The University of Sydney
1:50 PM Paper 2:	Economic evaluation of transport reliability	Kamrul Islam	The University of New South Wales
2:10 PM Paper 3:	Risk allocation in PPP tollroads	Demi Chung, David Hensher, and John Rose	The University of Sydney

2:35 PM Session 4: Travel modelling

Chair: TBC

2:35 PM Paper 1:	Mode choice and vehicle ownership in a medium-sized Asian city	Jaruwit Prabnasak and Michael Taylor	The University of South Australia
2:55 PM Paper 2:	Practitioners' perspective in considering trip chainging in 4- step modelling	Nigel West and Ying Young	Department of Planning and Infrastructure WA
3:15 PM Paper 3:	Developing fuzzy-neuro model for travel demand modelling	Gusri Yaldi, Michael Taylor, and Wen Long Yue	The University of South Australia
3:35 PM Afternoon tea break			

4:00 PM Session 5: Specific aspects of transport modelling

Chair: TBC

4:00 PM Paper 1:	Estimating, calibrating, and validating demand for feeder services during incident detections	Syahriah Bachok	The University of South Australia
4:20 PM Paper 2:	Real-time estimation of travel times on arterial roads. The ARRB travel time model	Paul Bennett ¹ , James Luk ¹ , and Brendan Marsh ²	1 - ARRB Group, 2 - Main Roads WA

4:40 PM Paper 3:	A review: Travel time variability and reliability in terms of measuring road networks vulnerability	Susilawati	The University of South Australia
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Thursday 11th of DECEMBER

9:00 AM Session 1: Traffic modelling

Chair: TBC

9:00 AM Paper 1:	Real-time freeway traffic surveillance: Large-scale field testing results in Southern Italy	Yibing Wang	Monash University
9:20 AM Paper 2:	Evaluation of telecommuting in traffic assignment	Son The Vu and Upali Vandebona	University of New south Wales
9:40 AM Paper 3:	A simple and robust approach to traffic data fusion	Hans van Lint	Delft University of Technology
10:00 Morning tea break			

10:30 AM Session 2: Sustainability and travel behaviour

Chair: TBC

10:30 AM Paper 1:	Active transport journey planner methodology	Wenqi Hu	The University of Melbourne
10:50 AM Paper 2:	Problems and prospects of non-motorized public transport integration in developing countries	Mamun Muntasir Rahman and Glen D'Este	Queensland University of Technology
11:10 AM Paper 3:	Capturing human activity spaces	Markus Botte	The University of Western Australia

11:35 AM Session 3: Intelligent Transport Systems

Chair: TBC

11:35 AM Paper 1:	Exploiting high resolution archived transit data for improved planning and operations: A Portland, Oregon Case Study	Robert Bertini	Portland State University
11:55 AM Paper 2:	Design and development of a simulation tool to investigate driver behaviour with respect to innovative TIS	Jingqiu Guo and Min Qiu	The University of Western Australia
12:20 PM Lunch break			

2:30 PM Technical Visits

6:30 PM Conference Dinner Fremantle

Choice between: 1) Maritime Museum and Shipwrecks Gallery, 2) Train Control Room, 3) Main Roads Traffic Operations Centre

Friday 12th of DECEMBER

9:30 AM Session 1: Railways

Chair: TBC

9:30 AM Paper 1:	Determinants of rail productivity in the 20th Century	John Mills ¹ and Nick Wills-Johnson ²	1 - The University of Queensland, 2 - Curtin University
9:50 AM Paper 2:	Uniqueness of an optimal run-up for a steep incline of the train	Xuan Vu	The University of South Australia
10:10 AM Paper 3:	TBC		
10:35 AM Morning tea break			

11:00 AM Session 2: Transport related health impacts

Chair: TBC

11:00 AM Paper 1:	Costing health benefits from active transport	Oz Kayak	The University of Melbourne
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11:20 AM Paper 2:
12:00 PM Lunch break

Personal exposure assessment to
PM emissions in urban areas Dana Crisan

The University of
Western
Australia

1:00 PM Session 3: Research summaries

3:30 PM Conference closure