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

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
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 chaining 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 Bennett¹, James Luk¹, and Brendan Marsh²
¹ - ARRB Group, ² - Main Roads WA
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
Choice between: 1) Maritime Museum and Shipwrecks Gallery, 2) Train Control Room, 3) Main Roads Traffic Operations Centre

6:30 PM Conference Dinner Fremantle

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 Mills¹ and Nick Wills-Johnson² 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
11:20 AM Paper 2:
12:00 PM Lunch break

1:00 PM Session 3: Research summaries

3:30 PM Conference closure