



# Intelligent Transport Systems Symposium

Friday 11 September 2009

## ITS research and its global application to traffic solutions

The Queensland University of Technology (QUT) Built Environment & Engineering Faculty hosted the Intelligent Transport Systems Symposium on the 11th September 2009.

This international research symposium featured leading industry experts and recognised academics who shared their developments and insights into fields such as:

- cutting edge research and application in Intelligent Transport Systems in Japan
- applications of ITS technology and developments in Australia, including a focus on Queensland
- developments in ITS research at QUT

Set in the QUT Theatre Foyer this symposium proved to be very popular with attendance from key groups in Government, Industry and Research as well as our international guests.

The Botanical Gardens provided the backdrop for the formalisation of an International Cooperation Agreement between the Advanced Mobility Research Centre at the University of Tokyo and QUT. This will enable greater collaborative activities and achievements between these institutions and we look forward to the future advancements made from this liaison.

## Speaker Presentations

Click on each individual speaker's biography to view their presentation.

Please note that these do not constitute recognized conference proceedings.



Queensland University of Technology  
Faculty of Built Environment and Engineering



## Morning Program

### Traffic Management

#### Masao Kuwahara

*Professor and Director, ITS Centre, University of Tokyo*  
Data fusion and International Traffic Database

#### Edward Chung

*Professor in Intelligent Transport Systems, QUT*  
Identifying traffic risks on motorways

#### Shamas Bajwa

*Lecturer in Traffic Engineering, RMIT*  
Travel time prediction using partial traffic patterns

### Driving Simulator and Image Processing

#### Yoshihiro Suda

*Professor in the ITS Centre, University of Tokyo*  
Sustainable transport and vehicle technology

#### Andry Rakotonirainy

*Associate Professor, CARRS-Q (Centre for Accident Research and Road Safety), QUT*  
CARRS-Q ITS and human factor research

#### Masataka Kagesawa

*Research Associate in the ITS Centre, University of Tokyo*  
Four-dimensional virtual cities for ITS

#### Simon Denman

*Research Fellow, Speech, Audio, Image and Video Technologies (SAVIT) Laboratory, QUT*  
Surveillance Image Processing Techniques for ITS

## Afternoon Program

### ITS Development and Evaluation

#### Dennis Walsh

*Executive Director, Road Systems Operation, Department of Transport and Main Roads*  
Local Developments with ITS

#### Dave Johnston

*Traffic Engineering Manager, Transmax*  
STREAMS: A platform suitable for ITS research

#### Hussein Dia

*ITS Group Leader, Aurecon Asia Pacific*  
Evaluation of ITS strategies using traffic simulation

The Faculty of Built Environment and Engineering at QUT has a dedicated transport research area with a focus on ITS, network performance, asset management and sustainable transport research. This forum will be one in a series of symposiums to further linkages across the research spectrum with government and industry.