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.

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.