

TRAFFIC ENGINEERING AND STREET MANAGEMENT

Monday 3 October

1030-1230 hours

Network Management: informing the driver

Chair: Ian Chatfield, PTRC, UK

Effectiveness of variable message signs – a users perspective

R Brannan, Scottish Executive, UK; T Edwards, P Murphy, Faber Maunsell, UK; P McGillion, National Network Control Centre, UK

Reviewing the Irish Traffic Signs Manual

P Harman, FaberMaunsell, UK

Improving the management of England's motorway network – including the introduction of Traffic Officers by the UK Highways Agency

B Rush, A Case, PA Consulting Group, UK; R Castleman, P Hillman, Highways Agency, UK

1400-1530 hours

Innovations in Urban Traffic Management and Control

Chair: Smiljan Vukanovic, University of Belgrade, YU

Computerised real-time saturation flow measurement for signalised traffic junctions

I Henderson, TRL, UK

Intensive bus priority in London – Route 149

R Pye, Transport for London, UK

Innovative modelling and design of integrated light rail transit priority systems – case study of LRT in Nottingham, UK

S Ahuja, F Dreher, T van Vuren, J Smith, Mott MacDonald, UK

1600-1800 hours

Practical Applications of Microsimulation

Chair: Henk Taale, AVV, Ministry of Transport, NL

Equitable interchange assessment with micro-simulation

P Clifford, Jacobs Babbie, UK; M Tarrier, Transport for London, UK

Behavioural model of the pedestrian interaction with road traffic

V Airault, INRETS and University of Paris V, FR; S Espié, INRETS, FR

The benefit of video detection for on-ramp queue control and ALINEA ramp metering strategy

B Sultan, M McDonald, J Wu, University of Southampton, UK

A mesoscopic approach to capacity and delays evaluation in un-signalised roundabouts

R Camus, M Dall'Acqua, G Longo, DIC, University of Trieste, IT

Tuesday 4 October

0900-1100 hours

Innovations in Data Collection

Chair: Juan de Oña-Lopez, University of Granada, ES

Selective vehicle detection (SVD) – bus priority and GPS technology

N B Hounsell, S Ishtiaq, F N McLeod, University of Southampton, UK; K Gardner, S Palmer, T Bowen, TfL Surface Transport, UK

Cell phone radar

H Eveleigh, FaberMaunsell, UK; P Lloyd, Roke Manor, UK

Floating car data for travel time estimation/Evaluation of a travel time information system

R Wahl, T Haugen, P J Lillestø, SINTEF, NO

1130-1300 hours

Field Trials of Emerging Technologies
Chair: Steve Morello, ISIS Groupe EGIS, FR

London congestion charging technology trials – stage 1 results

D Firth, Transport for London, UK

SMART project: field test results of different traffic monitoring technologies

P Bellucci, ANAS spA, IT; E Cipriani, S Gori, University of Roma Tre, IT; G Fusco, University of Rome La Sapienza, IT

1430-1600 hours

Integrated Traffic Management I

Chair: Phil Davies, Transport for London, UK

The application of sustainable traffic management in the Netherlands

H Taale, AVV, Ministry of Transport, NL

London's Strategic Approach to Traffic Modelling within Urban Traffic Control (UTC)

J Robinson, Transport for London, UK

Transport model of Belgrade – first phase, case study

J Jovich, S Vukanovic, University of Belgrade, YU

1630-1800 hours

Integrated Traffic Management II

Chair: Richard Cunard, Transportation Research Board, US

Benefits for buses in the real world – a simple method for assessing benefits/impacts of traffic schemes

J Webber, C Bodé, FaberMaunsell, UK

Software environments to support traffic and transport analysis methodologies

J Barcelo, H Grzybowska, Universitat Politècnica de Catalunya, ES; S Pardo, TSS-Transport

Simulation Systems, ES

Combining simulative and statistical approach for short time flow forecasting

M Di Gangi, University of Basilicata, IT; A Croce, University of Reggio Calabria, IT

Wednesday 5 October

0900-1100 hours

Streets for the 21st Century I

Chair: Aurore Remy, ES

Home zones – meeting the challenge

J Barrell, P Clifford, Jacobs Babbie, UK

Civilising pedestrian road crossing facilities

D Halden, Derek Halden Consultancy, UK

Modelling pedestrians for an integrated transport system – pedestrian simulators compared

S Ahuja, T van Vuren, Mott MacDonald, UK; M G H Bell, Imperial College, UK

Valuing the walking experience

D Heuman, P Buchanan, M Wedderburn, Colin Buchanan & Partners, UK; M Kidd, Accent

Marketing and Research, UK

1130-1300 hours

Streets for the 21st Century

Chair: Marc Ellenburg, CERTU, FR - TBC

Transport and urban design

John Dales, Urban Initiatives, UK

Tramway project of Bordeaux

A Remy, Ingérop, FR

1430-1630 hours

Congestion Pricing

Chair: Hugh Gillies, The Scottish Executive, UK

The social impacts of the central London congestion charge on Londoners

A Cairns, Transport for London, UK

Toll financing with a wider scope – urban toll financed packages and their relation to sustainable transport and land use

J-T Bekken, O Osland, Institute of Transport Economics, NO

Identifying through accessibility planning how sustainable growth can be achieved in the compact city: a case study of Edinburgh

D Smith, Derek Halden Consultancy, UK

Congestion charging in Edinburgh – lessons about acceptance

J Saunders, tie ltd., UK